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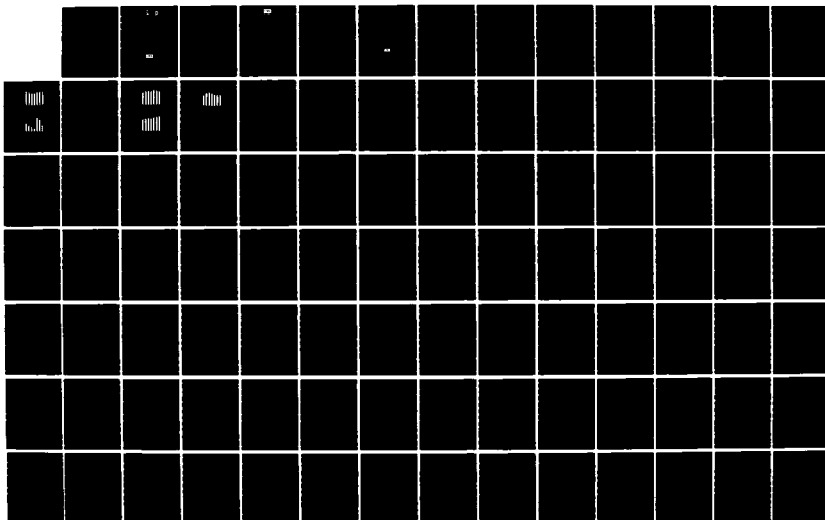
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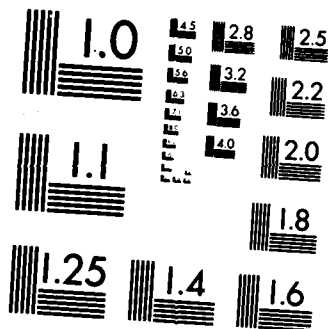
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## RESEARCH MEMORANDUM

# THE NAVY ENLISTED CLASSIFICATIONS (NECs): A HISTORY

Aline O. Quester  
George R. Corliss

A Division of

**CNA**

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1. Enclosure (1) is forwarded as a matter of possible interest.
2. This Research Memorandum provides an historical description of Navy Enlisted Classifications (NECs).

*Robert F. Lockman*

ROBERT F. LOCKMAN  
Director  
Manpower Program

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OP-12

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OP-13G

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OP-392

OP-592

OP-914

OP-09R9

CRM 86-84 / April 1986

# **THE NAVY ENLISTED CLASSIFICATIONS (NECs): A HISTORY**

Aline O. Quester  
George R. Corliss

*Naval Planning, Manpower, and Logistics Division*

A Division of **CNA** Hudson Institute  
**CENTER FOR NAVAL ANALYSES**  
4401 Ford Avenue • Post Office Box 16268 • Alexandria, Virginia 22302-0268

#### ABSTRACT

This paper provides historical information on Navy Enlisted Classifications (NECs). It details the number of different NEC titles awarded each year as well as the number of individuals who were awarded each title. It was prepared as a background paper for a study of training costs for Navy specialized skills.



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## INTRODUCTION

Navy Enlisted Classification Codes (NECs) supplement the enlisted rating structure by identifying particular skills in more detail than the occupational or rating structures. There are three basic types of NECs. The first type, Entry Series NECs, consists of Rating Conversion NECs (which, as their name suggests, identify enlisted personnel in training for a change of rating) and Occupational Area or Defense Grouping NECs (which identify enlisted personnel in DOD occupational groups who either have the aptitude for training in that area, have been identified for training in that area, or are in training in that area). Thus, this first type of NEC identifies personnel who are either being trained or are about to be trained. In January of 1986, there were 98 Rating Conversion NECs and 9 Defense Grouping NECs.

The second and third type of NECs, the categories upon which this paper will concentrate, are qualitatively different. Instead of identifying enlisted personnel who will potentially acquire skills, they identify enlisted personnel who have particular skills. In short, the latter two categories of NECs validate earned qualifications or skills rather than noting skills or qualifications that are expected to be learned. The second type of NECs are Rating Series NECs, NECs which are specific to a rating or a group of ratings. The third type, Special Series NECs, are NEC skills that are not rating-specific. NEC 9585, Navy Recruiter Canvasser, is an example of a Special Series NEC; NEC 1157, Improved Point Defense Surface Missile System Technician, is an example of a Rating Series NEC (this NEC is for Fire Controlmen only).

NECs of the second and third type can be earned either through C-school courses, on-the-job-training, or a combination of both. The Manual of Navy Enlisted Manpower Classifications and Standards, Section II: Navy Enlisted Classifications is revised quarterly to include both the current list of NECs and the current procedure for obtaining an NEC [1]. NECs are established, deleted, or revised on a regular basis as the needs of the Navy change. Many of the NECs are equipment-specific and as new equipment is put into use, new NECs are required; when old equipment is retired, NECs are deleted.

The Enlisted Master Record (EMR) File has fields for five different NECs as well as the date each was earned. The NECs are listed in order on the EMR as primary, secondary, etc; the positions are ordered by the sequence codes. Lower sequence codes generally take precedence over higher sequence codes. The only exceptions to this are Special Series NECs that can never be primary NECs. NECs with the same sequence code are ordered by dates, with the NEC most recently acquired appearing first. All Entry Series NECs are sequence code 1 and are thus primary NECs; they are kept on the individual's record until the individual has advanced to petty officer status, becomes an identified striker, or changes rating status.

Although the Naval Military Personnel Command (NMPC) is "responsible for the formulation and implementation of the NEC coding system and for maintaining technical control over the entire NEC system" ([1], p. 4), NECs are managed in a decentralized fashion. Moreover, because NECs are awarded through combinations of on-the-job training (OJT) and C-school courses (and these combinations and courses change over time), it has often been difficult to get an overall picture of the commitment the Navy has made to training for the skills defined by NECs. This paper attempts to fill part of this gap by providing an historical summary of various measures of NEC training.

## NEC TRAINING

### Specialized Skill Training

NECs awarded through the schoolhouse (or through combinations of schoolhouse training and OJT) are awarded by specialized skill training, in particular by C-school training.<sup>1</sup> There are several ways to measure how the specialized skill training load for NECs has changed over time. The most direct way would be to measure the days spent (or the student load) for NECs. Unfortunately, because there is no reliable historical record of which C-school courses are NEC-related and which are not, it is not possible to measure NEC schoolhouse training in this direct fashion. Because all schoolhouse NEC training is done in C-school, however, C-school training provides at least one proxy for NEC training.<sup>2</sup>

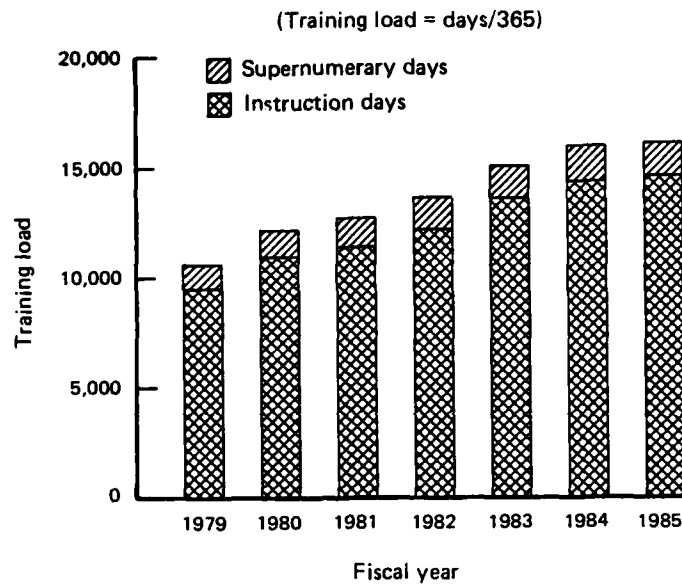
Figure 1 depicts the active-duty training load for C-school in fiscal years (FYs) 1979 through 1985. Constructed from Student Master Record Files (SMFs), the figure depicts training for all active-duty personnel (USN and Active Mariners or other reservists on active duty).<sup>3</sup> The training load is divided into instructional days and supernumerary days (days spent awaiting instruction, in interrupted instruction, and awaiting transit). In FY 1979, the total training load was 10,617 (9,502 instructional); by FY 1985, the load had increased 51 percent to 16,072 (14,584 instructional). During this time, around 500 courses were switched from F-school courses to C-school courses. Figure 2 illustrates how this switch changed the C-school training

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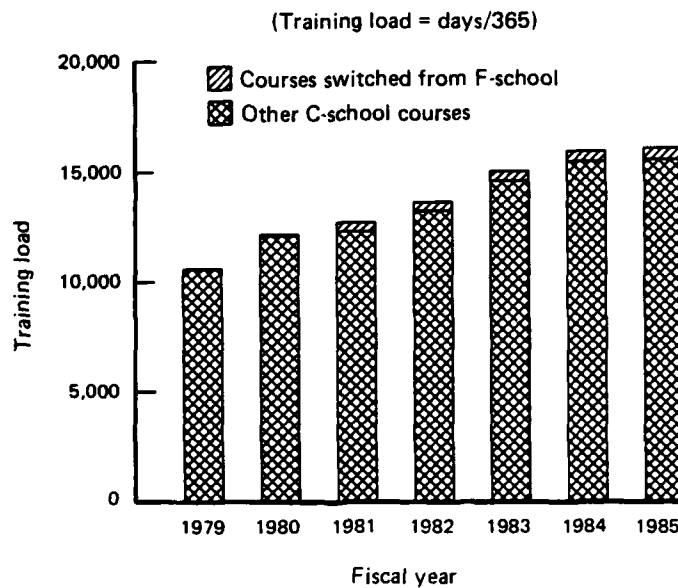
1. Specialized skill training is composed of A-school courses (training for a rating), C-school courses (more advanced training), and F-school courses (shorter or non-NEC training courses).

2. While all NEC schoolhouse training is done in C-school, not all C-school courses are NEC-related.

3. See [2] for a more complete description of how the historical C-school data were calculated.



**FIG. 1: C-SCHOOL TRAINING (SUPERNUMERARY AND INSTRUCTIONAL DAYS)**



**FIG. 2: C-SCHOOL TRAINING LOAD – BREAKDOWN OF C-SCHOOL COURSES WHICH SWITCHED FROM F-SCHOOL**

load. In 1985, the load from these courses was 513 or slightly under 4 percent of the C-school training load.<sup>1</sup>

Because the NEC component of C-school training is not known and because it may change over time, the C-school training load is, at best, a rough proxy for the NEC training load. Another possible measure is the number of distinct NECs awarded each year.

#### Number of NEC Titles

Figure 3 details the number of different NECs awarded during FY 1979 through FY 1985. To derive these numbers, a file was constructed from September Enlisted Master Record (EMR) Files. Eight years of the five NEC fields and their associated dates (September 1978 through September 1985) were collected for all enlisted personnel. Within each individual record, the data were sorted by dates so that each individual record was arranged by the earliest NEC to the most recent NEC awarded. After this was done, a computer program was constructed to extract the number of unique NEC titles awarded each year. It is these numbers that are displayed in figure 3. There does not appear to have been any trend in the number of NEC titles awarded from FY 1979 through FY 1985.

Table A-2 in appendix A provides a complete record of these data. In this table, there is a record of each NEC that appeared on the EMRs examined. Since the EMR information contained historical information, the table starts in 1970. (However, it should not be considered completely accurate until 1978 or 1979, because some NECs awarded in the early 1970s might have disappeared by 1978.) The NECs in table A-2 are sorted by the year of award and then by NEC. Thus, the end of table A-2 displays the new NECs that were first awarded in 1985.

Figure 4 illustrates the count of new NECs titles awarded in the FYs 1979 through 1985. In 1983 and 1984, the largest numbers of new NEC titles were awarded. The information provided by figure 4, however, should be interpreted with caution. First, the number of new NEC titles does not directly correspond to the number of new NECs awarded. Second, some new NEC titles are simply updated titles of older NECs. (For example, in January 1986, NEC 0114 was changed to NEC 9570; if fiscal year 1986 data were in the figure, NEC 9570 would be counted as a new NEC.)<sup>2</sup>

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1. Table 1 in appendix A provides a list of the F-school courses that changed to C-school courses. It also lists the year that the change occurred.

2. Work is ongoing to establish an historical dictionary for NEC renumbering.

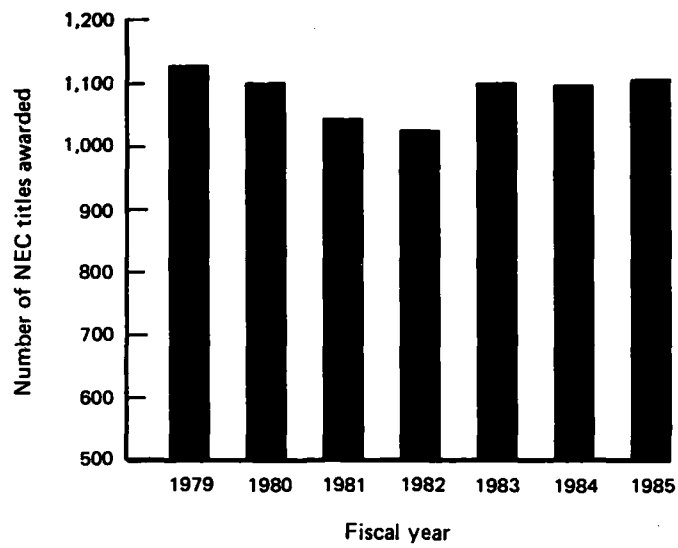


FIG. 3: NUMBER OF NEC TITLES AWARDED

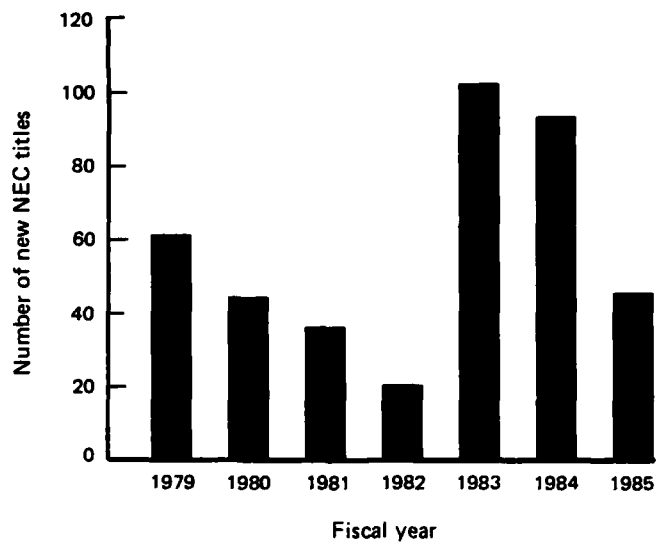


FIG. 4: NUMBER OF NEW NEC TITLES – FIRST YEAR OF AWARD

### Number of NECs Awarded

Perhaps the best available measure of the Navy's commitment to NEC training and how this commitment has changed over time is the number of NECs awarded to enlisted personnel in each year. To obtain these numbers, the Enlisted Master Record File NEC data were again used. Individual entries that were unique (both the NEC field and the date-earned field being the same) were identified and tabulated. Table A-3 in appendix A displays these data, by NEC, for 1979 through 1985. Figure 5 displays the total number of NECs awarded.

The total number of NECs awarded appears from figure 5 to have peaked in 1983. Since this result was unexpected, the data were further examined to see if there was a lag in reporting NECs (e.g., would some NECs awarded in FY 1985 not show up on Enlisted Master Record File data until 1986?).

To investigate this question, the "date awarded" field was examined for individuals whose NEC awards first appeared on the September 1985 EMR (i.e., the NEC was not on the EMR in September 1984 or earlier). Only 80 percent of these September 1985 NECs had FY 1985 award dates (9 percent of the award dates were for FY 1984 and 11 percent were for FY 1983 or earlier). This lag in reporting NECs creates a problem for reconstructing accurate historical records, particularly for the most recent years. (For FY 1983 NEC-dated awards, three EMRs--1983, 1984, and 1985--are available for the count; for FY 1985, however, only the 1985 data are available).

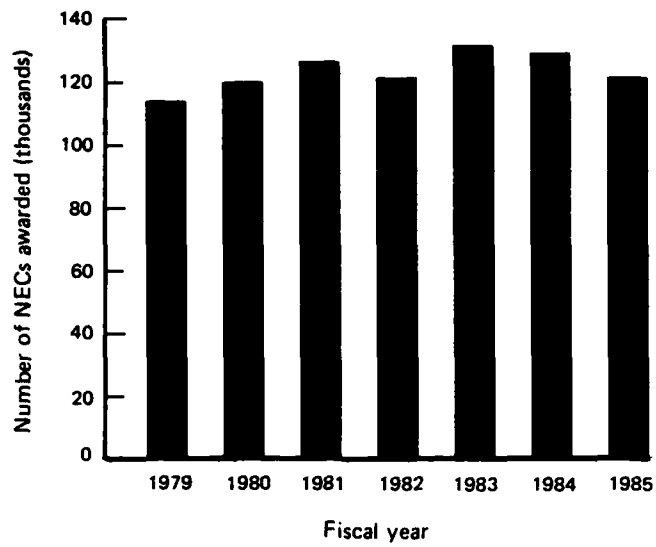
If one assumes, however, that the lag pattern found in the 1985 data will persist into the future, it is possible to construct what the NEC awards data will look like "once all the returns are in." This is illustrated in figure 6. When the data are adjusted for reporting lags, they show a steady increase in the number of NECs awarded each year.

### An Aside: Entry Series NECs

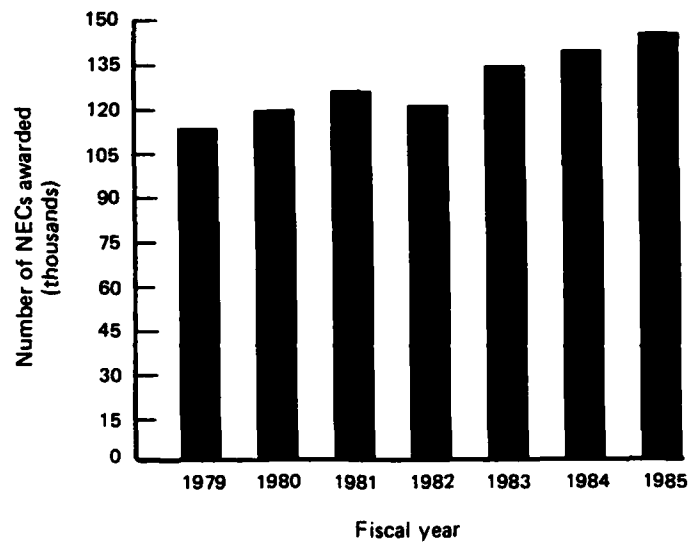
Because Entry Series NECs really measure something different from Rating Series or Special Series NECs, it is worthwhile to examine how the counts for these training NECs have moved over time. Figure 7 illustrates the number of Entry Series NECs awarded. Table 1 provides the counts for the first type of Entry Series NECs, Rating Conversion NECs. It should be noted that table 1 may not be a complete list of the Rating Conversion NECs. (The list is complete for January 1986, but it may be missing rating conversion codes from earlier years). The NECs in table 1 are sorted first by the year and then by the NEC to facilitate examination of the more recent NECs.

The number of Rating Conversion NECs peaked in 1981. The numbers, even in that year, however, are quite small. Moreover, the program seems to have declined since 1981 (even if one adjusts for a reporting

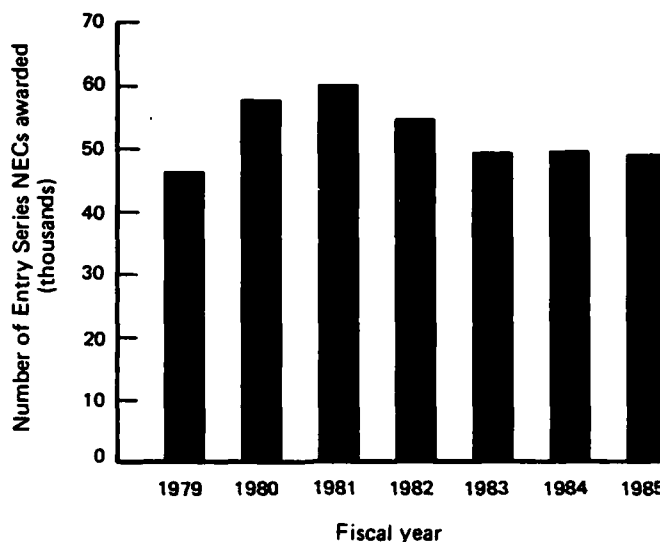




**FIG. 5: NUMBER OF NECs AWARDED TO ENLISTED PERSONNEL**



**FIG. 6: NUMBER OF NECs AWARDED TO ENLISTED PERSONNEL  
(ADJUSTED FOR REPORTING LAG)**



**FIG. 7: NUMBER OF ENTRY SERIES NECs AWARDED TO ENLISTED PERSONNEL**

lag, though not done here). Despite the Navy's current shortage of Machinist Mates (MMs) and Boiler Technicians (BTs), there are no individuals in Rating Conversion NEC 4599 (BT) and only three in Rating Conversion NEC 4299 (MM).

Table 2 provides the counts for the Occupational Area or Defense Grouping NECs. These are the NECs for recruits who are to be rated; they represent almost 99 percent of the individuals with Entry Series NECs.

#### NECs in the January 1986 NEC Manual

Table A-4 in appendix A contains the NECs enumerated in the January 1986 NEC manual (numeric NEC code, sequence number, NEC title, and ratings (if applicable)). This list of NECs was matched to the listing in table A-2 of appendix A. This matching provides the information for the notes to the appendix table (NECs described, but not yet awarded; NECs awarded, but now discontinued; etc.).

TABLE 1  
RATING CONVERSION NECs

NEC RATE	1979	1980	1981	1982	1983	1984	1985
0199 (BM)	1	4	7	1	0	0	1
0299 (QM)	1	4	2	1	6	5	15
0399 (OS)	5	1	71	23	18	13	3
04S9 (STS)	3	3	0	1	2	1	0
0599 (SM)	4	0	4	2	1	0	3
0799 (TM)	2	5	26	16	0	0	0
08G9 (GMC)	4	1	3	0	2	3	3
08MS (GMM)	2	6	11	0	4	2	16
0999 (GM)	6	10	21	8	4	4	19
11B9 (FTB)	2	0	1	0	0	1	4
1399 (MT)	1	2	0	0	0	0	0
1599 (ET)	1	23	41	26	57	47	61
1699 (DS)	152	110	284	160	130	42	6
1799 (EW)	1	2	3	7	7	11	10
1899 (IM)	2	2	6	8	4	10	11
1999 (OM)	1	2	0	3	6	5	12
2099 (MA)	155	99	14	0	7	0	0
2199 (NC)	90	79	70	14	2	0	1
2399 (RM)	3	1	3	6	15	16	2
2499 (RP)	38	24	62	31	0	0	0
2599 (YN)	1	8	9	8	1	0	0
2699 (PN)	8	14	6	2	0	0	0
2799 (DP)	15	62	22	14	18	14	2
2899 (SK)	1	2	3	0	2	3	1

TABLE 1 (Continued)

NEC RATE CODE	1979	1980	1981	1982	1983	1984	1985
3299 (JO)	2	5	16	3	0	1	2
3599 (MS)	9	30	39	6	10	1	0
3699 (LI)	1	0	3	1	2	0	1
3999 (IS)	5	5	29	23	8	5	4
4199 (GS)	34	0	0	0	0	0	0
41E9 (GSE)	71	59	4	0	3	5	16
41M9 (GSM)	62	145	28	16	20	5	0
4299 (NM)	14	14	88	30	24	4	3
4399 (EN)	1	5	4	2	2	13	3
4499 (NR)	1	6	6	2	13	23	22
4599 (BT)	4	5	6	4	4	1	0
4699 (EM)	6	5	24	16	26	17	9
4799 (IC)	3	8	12	7	25	35	24
4999 (HT)	3	4	8	8	19	34	10
5899 (CM)	1	5	1	0	1	0	0
6399 (AZ)	2	1	3	2	4	6	7
6499 (AD)	1	1	9	3	0	0	2
6699 (AT)	8	15	64	60	17	1	1
6899 (AO)	2	3	1	0	2	2	0
6999 (AC)	28	62	83	68	88	17	3
70E9 (ABE)	8	7	13	3	0	1	3
70F9 (ABF)	1	0	2	0	0	0	0
7199 (AE)	10	0	11	6	7	0	4
72E9 (AME)	2	1	2	2	0	0	1
7499 (AG)	5	4	10	4	0	0	0

TABLE 1 (Continued)

NEC RATE CODE	1979	1980	1981	1982	1983	1984	1985
7599 (TD)	12	26	45	1	0	0	0
76E9 (ASE)	2	6	5	2	1	6	2
76M9 (ASM)	1	2	4	0	6	6	0
7899 (AW)	15	30	43	15	14	6	20
8099 (AK)	15	9	5	6	1	0	1
8199 (PH)	8	11	6	1	0	0	0
8499 (HM)	7	16	17	4	13	5	3
8799 (DT)	3	0	3	1	0	6	2
91A9 (CTA)	2	1	6	2	0	0	0
91M9 (CTM)	1	8	13	4	1	0	4
91R9 (CTR)	1	0	1	2	3	6	4
04G9 (STS)	0	1	2	0	2	2	31
11G9 (FTG)	0	1	3	1	0	3	44
1299 (MN)	0	1	0	1	0	0	0
3499 (LN)	0	3	43	49	20	2	0
3899 (MU)	0	1	1	0	0	0	0
5799 (EO)	0	9	3	1	10	0	0
5999 (BU)	0	15	19	8	19	5	3
6599 (AX)	0	2	1	2	28	8	3
7299 (AM)	0	1	0	0	0	0	0
72H9 (AMH)	0	1	0	0	0	0	0
72S9 (AMS)	0	5	16	2	1	1	2
7399 (PR)	0	1	4	0	0	5	13
7999 (AQ)	0	11	52	13	0	0	0
9119 (CTI)	0	5	24	9	6	6	5

TABLE 1 (Continued)

NEC RATE CODE	1979	1980	1981	1982	1983	1984	1985
91T9 (CTT)	0	4	14	24	13	12	1
2299 (PC)	0	0	7	1	0	0	0
3199 (SH)	0	0	3	3	1	0	0
5199 (PM)	0	0	1	1	1	1	10
5599 (EA)	0	0	1	0	2	0	2
6199 (UT)	0	0	3	0	1	0	1
9199 (CTO)	0	0	5	0	0	0	0
70H9 (ABH)	0	0	0	1	0	0	0
06A9 (OTA)	0	0	0	0	0	0	4
06M9 (OTM)	0	0	0	0	0	0	8
11C9 (FC)	0	0	0	0	0	0	16
3799 (DM)	0	0	0	0	0	0	2
5299 (ML)	0	0	0	0	0	0	5
TOTAL	850	1024	1485	751	704	428	471

TABLE 2

## OCCUPATIONAL AREA - DEFENSE GROUPING NEC COUNTS

NEC	1979	1980	1981	1982	1983	1984	1985
9700	5789	5833	5708	5736	4540	2680	1694
9710	8855	9596	10219	9931	9721	10961	9703
9720	4947	6612	6505	6471	5886	5859	6070
9730	15	25	21	18	28	16	22
9740	571	952	1235	1165	1315	1127	890
9750	3727	5699	6763	6071	5211	6321	6651
9760	17124	20880	20866	18097	16232	17093	18958
9770	2190	3398	3462	2692	2479	3134	3140
9780	2132	3650	3705	3609	3077	1761	1207
TOTALS	45,350	56,645	58,484	53,790	48,489	48,952	48,335

1-3

NEC	OCCUPATIONAL AREA TITLES	RATINGS INCLUDED IN AREA
9700	Infantry, Gun Crews, and Seaman's Specialists	BM, OM
9710	Electronic Equipment Repairman	ST, TM, FT, MT, ET, DS, AX, AT, TD, AQ, CTM, OTM, FC
9720	Communications and Intelligence Specialists	OS, SM, RM, IS, AC, AW, OT, OTA, EW, CTI, CTO, CTR, CTT
9730	Medical and Dental Specialists	HM, DT
9740	Other Technical and Allied Specialists	DM, MU, EQ, AG, PH
9750	Functional Support and Administration	PC, YN, PN, DP, SK, DK, JO, AZ, AK, LN, NC, CTA, RP
9760	Electrical/Mechanical Equipment repairman	GM, MN, IM, OM, MM, EN, BT, EM, IC, CM, AD, AO, AB, AE, AM, PR, AS, GS, WT
9770	Craftsmen	LI, MR, HT, PM, ML, CE, EO, BU, SW, UT
9780	Service and Supply Handlers	SH, MA, MS

## SUMMARY AND CONCLUSIONS

When the individual data are aggregated and measures of the Navy training commitment to NEC training are calculated, all measures appear to be rising. While all measures of the NEC training load are proxies for the true training load, the measures estimate the training load from quite different directions. The fact that both C-school days and the number of NECs awarded to both first-termers and careerists are increasing convincingly indicates that the Navy, throughout the 1980s, has committed increasing resources to NEC training.



#### REFERENCES

- [1] Department of the Navy, Bureau of Naval Personnel, Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards: Section II, Navy Enlisted Classifications, NAVPERS 18068D, Jan 1985
- [2] CNA Research Memorandum, "Specialized Skill Training for Active Duty Navy Personnel: A History," by Aline Quester, et al., forthcoming

APPENDIX A  
SUPPLEMENTAL TABLES FOR NECs

TABLE A-1

F-SCHOOL COURSES WHICH SWITCHED TO C-SCHOOL COURSES:  
COURSE DATA PROCESSING CODE (CDP) & DATE OF CHANGE

CDP	DATE	CDP	DATE	CDP	DATE	CDP	DATE
016S	81	016U	81	016V	81	016Z	81
017F	81	017G	81	017H	81	017J	81
017K	81	017P	81	017Q	81	017R	81
018S	81	018T	81	019C	84	020P	81
022B	83	023G	83	027A	81	027P	81
027Q	81	027R	81	027S	81	027T	81
027W	81	029D	81	029E	81	030F	81
030H	81	030L	81	031E	82	032U	82
032W	81	033M	81	035Q	81	035W	81
036Q	81	036T	81	043N	83	046U	83
046Y	81	047R	81	047S	81	048J	81
048K	81	048L	81	048M	81	048P	81
048Q	81	048W	82	049R	83	051T	81
054A	84	058A	81	062U	83	066X	83
070P	83	200J	81	200K	81	200T	81
201W	81	201Y	81	204E	81	204H	81
2188	82	2189	81	2192	81	2194	81
2195	81	2197	81	2198	81	2199	81
2200	81	2203	81	2204	81	2206	81
2208	84	2211	81	2212	81	2333	81
2337	81	2339	81	2340	81	2347	81
2350	81	2351	81	2352	81	2353	81
2355	81	2356	81	2357	81	2359	81
2371	81	2373	81	2388	81	2390	81
2394	81	2396	81	2409	81	2410	81
2474	84	2475	81	2479	81	2480	81
2541	82	2565	82	2575	81	2598	81
2599	81	2605	81	260A	81	260B	81
260C	81	260D	81	260E	81	260F	81
260G	81	260K	81	260L	81	2618	81
2619	82	2648	81	264B	81	264C	81
264F	81	2650	82	2664	81	2668	81
2669	80	266N	81	266Q	81	266R	81
266U	81	2671	81	2674	81	2675	81
2676	81	2677	81	2678	81	2679	81
267N	81	2680	81	2681	81	2682	81
2683	81	2684	81	2685	81	2687	81
268K	81	2691	81	269B	81	269J	83
269T	81	269U	81	2709	81	2711	81
2715	81	271Q	81	272B	81	273L	81
273M	81	273P	81	273Q	81	273R	81
2745	81	274P	81	274V	81	275E	81

TABLE A-1 (CONTINUED)

CDP	DATE	CDP	DATE	CDP	DATE	CDP	DATE
275F	81	275U	81	275V	81	275W	81
275Z	81	2761	81	2763	81	276B	81
276L	81	276N	81	276P	81	276R	81
276T	81	276U	81	276Z	83	278G	80
278S	81	279C	81	279D	81	281E	81
2821	81	2835	81	2836	81	2849	81
2858	80	2888	81	2896	83	2897	81
2898	81	2909	81	300E	80	300K	81
300L	81	300P	81	300T	81	300U	81
300Y	81	301A	81	301D	81	301E	81
301J	81	301R	81	301Y	82	302H	81
302R	81	302T	81	302V	81	303G	81
303V	81	304D	81	304S	81	304T	81
306F	81	306L	81	306M	81	306Q	81
306R	81	306V	81	306W	81	307Q	81
307U	81	307Z	81	309B	81	309D	81
309E	81	309N	81	309Q	82	309S	81
309U	81	309W	81	309Z	81	310E	81
310F	84	310H	81	310J	81	310P	81
310Q	81	310R	81	310S	81	311A	81
311T	81	311W	81	311Y	81	311Z	81
312A	82	312C	81	312D	81	312Z	81
313J	81	313L	81	314D	81	314E	81
314U	81	314V	81	314W	81	314X	81
314Y	81	315G	80	315H	80	315J	81
315K	81	315L	81	315P	81	315Q	81
316L	81	316M	81	316N	81	316T	81
316U	81	317A	81	317B	81	317E	81
317F	80	317G	81	317M	81	317N	81
317T	81	317U	82	317X	81	318F	81
318J	82	318N	81	319E	82	319F	81
319G	81	319H	81	319N	80	319S	81
3205	81	320B	82	320V	81	320X	81
323P	81	323Q	81	323R	81	323U	81
323V	81	323X	81	324C	81	324L	81
324P	81	329X	82	3304	81	330J	83
330M	83	332J	81	335J	81	335K	81
335N	81	335X	84	335Y	84	336A	81
336B	81	336G	81	336H	81	336Q	80
336R	80	336S	81	338G	81	338T	81
339Y	81	339Z	81	340M	81	340Q	81
340X	81	341A	81	341B	81	341D	81
341K	82	341Q	81	341R	81	341S	81
342G	81	342N	81	342Q	81	342T	81
3431	81	343M	81	343N	81	343Z	81

TABLE A-1 (CONTINUED)

CDP	DATE	CDP	DATE	CDP	DATE	CDP	DATE
3444	81	344C	81	344F	81	345D	80
346Q	81	346R	80	347N	81	347P	81
347Q	80	347T	81	347W	80	348C	83
348Q	81	348R	81	348V	81	349J	81
349Q	81	349U	81	350J	81	350P	81
3738	81	3739	81	3757	81	3758	81
3775	81	3794	81	3795	81	3803	81
3807	82	3825	80	3826	80	3835	81
3839	81	3876	81	3925	83	3969	84
3972	81	400H	81	400J	81	400K	81
407T	81	407U	81	407V	81	407W	81
407Y	81	408W	80	4126	81	413Q	81
4143	81	4145	81	4154	81	4155	81
4158	81	4166	81	417T	81	418G	81
418H	81	4192	80	4246	81	4452	81
4453	81	4473	81	4483	81	4484	81
4485	81	4486	81	4550	81	4609	82
4617	81	461B	81	461C	81	461E	81
461J	81	462T	81	4643	81	4644	81
4656	83	4657	83	4669	80	466N	81
466Q	81	466R	81	4686	81	470M	83
471H	81	471J	80	471K	81	471L	81
471M	81	471N	81	471Y	81	4746	81
4757	84	4767	84	4816	83	4817	81
4821	82	4860	81	4874	81	4920	81
4921	81	4965	81	5051	83	516C	83
516M	83	521Z	81	522B	81	522K	81
522L	81	522P	81	525C	84	5273	83
529Y	83	5449	83	5452	83	5654	83
5859	81	5968	80	5969	81	5980	83
5981	83	5982	83	6094	84	7321	80
7324	81	7340	81	7356	81	7366	81
7367	81	7368	81	7370	81	7376	81
7377	81	7378	81	7385	81	7387	81
7392	81	7394	81	7397	81	7399	81
7405	81	7407	81	7409	81	7413	81
7414	81	7415	81	7422	81	7430	81
7444	81	7518	83	7565	80	7566	81
7580	80	7582	81	7621	80	7638	81
7680	82	7682	81	7683	81	7728	80
7729	80	7776	81	7813	81	7819	81
7821	81	7873	82	7876	81	7882	81
7914	81	7949	81	8120	82	8122	83
8134	81	8202	83	8207	83	8344	81
8346	81	8347	81	8434	81	8437	81
8438	81	8439	81	8440	81	8445	81
8472	81	8581	81	8601	83	8604	83
8699	81	8700	81	8722	83	8738	81
8739	81	8772	81	8862	81	9145	81

TABLE A-1

## HISTORICAL AWARDS OF NECs: FY 1970 - FY 1985

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
0107	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0161	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0162	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0163	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0
0164	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0165	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0215	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0216	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
0313	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0314	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
0316	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0317	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0318	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0319	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0341	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0408	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0409	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	0
0411	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0416	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0422	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0424	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
0427	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0431	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
0434	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
0452	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0453	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0
0454	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0456	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0481	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0
0482	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
0483	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0484	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0
0487	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0
0622	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
0715	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
0718	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0719	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0
0721	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0737	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
0744	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
0745	1	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0
0746	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0747	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0749	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
0771	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0811	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
0871	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0872	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0873	1	1	1	1	1	1	1	1	0	1	0	0	1	1	0	0

TABLE A-1 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
0876	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0891	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0892	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
0926	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0986	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0987	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0988	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0997	1	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0
0998	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
1113	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1118	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
1119	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0
1123	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
1124	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1
1126	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1128	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1
1135	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1136	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1
1137	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1139	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
1143	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
1146	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1156	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0
1158	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
1159	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0



TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1161	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
1163	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1164	1	1	1	1	1	0	1	1	0	1	0	0	0	0	0	0
1165	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
1167	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
1184	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
1185	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0
1193	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1195	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1198	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0
1201	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1318	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0
1404	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
1405	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
1406	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
1407	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0
1408	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
1409	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
1411	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
1412	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1414	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1415	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1416	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
1420	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1421	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1422	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1423	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1426	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1431	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1432	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1433	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
1434	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1435	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1436	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1437	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1438	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1441	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1448	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1449	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1453	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1472	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1473	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1474	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
1475	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1476	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
1481	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1482	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1502	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
1505	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0
1506	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0

TABLE A-21 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1512	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
1514	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0
1515	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
1519	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0
1523	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
1573	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1577	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1588	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1615	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1616	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1623	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1636	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1653	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1666	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1668	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1669	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
1733	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1
1812	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1821	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1903	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2211	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2304	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2305	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
2313	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2314	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-1 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
2318	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2319	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2333	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2342	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2345	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2346	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2393	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2512	1	1	1	1	0	1	1	0	1	1	1	0	0	1	0	0
2514	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2516	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2612	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2614	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
2734	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2762	1	0	1	1	0	1	1	1	0	0	1	0	0	0	0	0
2813	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
2815	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2818	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3112	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3114	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3142	1	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0
3154	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
3155	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
3221	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3301	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
3302	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
3303	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3306	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
3309	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
3311	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0
3312	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0
3313	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3314	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
3315	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
3317	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3318	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0
3319	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0
3321	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
3322	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3324	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3325	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3332	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3333	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
3337	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
3341	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0
3342	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
3343	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0
3345	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
3529	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3537	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
3803	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
3804	1	1	1	1	0	1	1	0	1	0	0	0	1	1	0	0
3805	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3806	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3808	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1
3809	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3811	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
3814	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1
4111	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1
4245	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4252	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4262	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4282	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
4294	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4295	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4315	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4316	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4317	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4318	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4322	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
4353	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
4501	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4503	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4511	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4513	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4515	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4613	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
4615	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4666	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4667	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
4721	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4722	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
4723	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
4724	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
4731	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4745	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4746	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4762	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4813	1	1	1	0	0	1	1	0	1	1	1	0	0	0	0	0
4816	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
4821	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
4824	1	1	0	1	0	0	1	1	1	1	1	0	0	0	0	0
4829	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0
4831	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
4842	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48AA	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48AB	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48AG	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48AJ	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48BA	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
48BB	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
48CB	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48CC	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48CH	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48CN	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48CT	1	0	0	1	1	1	0	1	1	0	1	0	0	0	0	0
48IA	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0
48IC	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
48IF	1	1	0	1	0	1	1	0	1	1	0	0	0	0	0	0
48IG	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
48IH	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
48II	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48IK	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48IN	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48IQ	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0
48IR	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
48IS	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0
48IT	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
48IU	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48IV	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
48JB	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
48JC	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
48JP	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48JT	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48KL	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48KR	1	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0



TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
48MB	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0
48MC	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48ME	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
48QC	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48QD	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48QF	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
48UA	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
48UD	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0
48UE	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
48UG	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48UH	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0
48UJ	1	1	1	0	1	0	1	1	1	1	1	0	0	0	0	0
48UK	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0
48UL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48UP	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48UQ	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48UR	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0
48US	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48UT	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0
48UU	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0
48UV	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
48VP	1	1	0	0	1	1	1	0	1	1	1	0	0	0	0	0
48VS	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
4932	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4933	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4934	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4935	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4936	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4937	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
4938	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
4939	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4951	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
4952	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
4953	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
4955	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4956	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5311	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5321	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5322	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0
5326	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5332	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5333	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5341	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
5342	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5343	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5345	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5632	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
5642	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
5644	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
5707	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-1 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
5708	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5801	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5805	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5915	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6104	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6313	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6422	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6526	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6527	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6529	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6533	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6585	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6604	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
6607	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6611	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6612	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6618	1	1	1	1	0	1	1	1	0	1	0	0	0	0	0	1
6624	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
6626	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0
6627	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
6632	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
6633	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
6635	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6636	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
6637	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
6643	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6644	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
6655	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1
6656	1	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1
6658	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
6665	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0
6673	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6685	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
6804	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6806	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6902	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6911	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0
6912	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
7013	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
7022	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7103	1	1	1	1	1	0	1	1	0	1	1	1	0	0	0	0
7104	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
7105	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7112	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7114	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7115	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7117	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7123	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0
7124	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
7125	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
7128	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7132	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7136	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7144	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7174	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7222	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7225	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7412	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7414	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7514	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7523	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7553	1	1	0	1	1	1	0	1	1	0	1	1	0	0	0	0
7811	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
7815	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
7821	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7851	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7861	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7881	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7916	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0
7931	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1
7946	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0
7948	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
7961	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
7962	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
7963	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
7964	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7965	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0
7975	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7976	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8126	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8133	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8143	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8144	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
8148	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8192	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8195	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
8215	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8241	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8243	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8244	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0
8251	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8252	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8255	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0
8258	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8263	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8265	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8267	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8268	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
8269	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8271	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-1 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
8273	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8278	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8283	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
8284	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8288	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8289	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8295	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8301	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
8305	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8309	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
8318	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8319	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8323	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8324	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
8325	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
8326	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8327	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8331	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8344	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8351	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8357	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8375	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8377	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8379	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8381	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
8402	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8404	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8406	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8407	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8408	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8409	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8416	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8425	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8432	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8433	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8452	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8463	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8472	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8473	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8482	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8483	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8492	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8493	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8501	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8506	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8703	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8707	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8732	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8752	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8753	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



TABLE A-21 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9107	1	1	1	0	0	1	1	0	1	1	1	0	1	0	1	1
9116	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9118	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9119	1	1	0	1	0	0	1	1	1	1	1	0	1	0	0	0
9121	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9128	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9140	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9141	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9144	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1
9145	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9146	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9147	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9149	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9150	1	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0
9151	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9152	1	0	0	1	1	0	0	0	1	0	1	1	1	1	1	1
9165	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9166	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
9180	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0
9181	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9198	1	0	0	1	0	0	0	0	1	1	0	1	1	0	0	1
9201	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9203	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9204	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
9211	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9212	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1
9213	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0
9215	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1
9216	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9217	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
9221	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
9230	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
9236	1	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0
9254	1	1	0	1	0	1	1	0	1	1	1	0	1	1	1	0
9255	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
9261	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9262	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0
9266	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9269	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1
9275	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
9276	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9278	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9284	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
9502	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9505	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9506	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9507	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9514	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9516	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
9524	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9526	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9527	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
9528	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9533	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9534	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0
9545	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
9548	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9555	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
9558	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9561	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9562	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
9563	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9574	1	1	1	1	1	1	1	0	1	1	0	1	0	0	0	0
9581	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9583	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9585	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9586	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
9588	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9589	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9591	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9593	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9597	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9598	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9700	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9710	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9720	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9750	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9760	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9770	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9780	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0435	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
0612	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
0738	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0
0739	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0
0748	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0877	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1125	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
1152	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
1153	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1166	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1187	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
1188	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1192	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1403	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1413	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1462	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0
1463	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1464	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
1522	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1524	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1572	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1774	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
2301	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
2511	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2525	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
2526	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2817	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2819	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3122	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3363	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3364	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3365	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3366	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3393	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3394	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3395	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3396	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
3535	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3807	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1
3812	0	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1
3813	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4246	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4314	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4512	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4519	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4523	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
4532	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4701	0	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0
4713	0	1	0	0	0	1	1	1	1	1	1	1	0	1	0	0
4752	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48C1	0	1	0	1	1	0	1	1	0	0	1	0	0	0	0	0
48UM	0	1	0	1	0	1	1	1	0	1	0	0	0	0	0	0
4931	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
5327	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
5346	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0
5711	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5712	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5804	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5901	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
6102	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6569	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6613	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6623	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
6630	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6634	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6648	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6661	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
6666	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
6668	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6669	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
6801	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6802	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7109	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7116	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7133	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7352	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1
7354	0	1	1	1	0	1	0	0	1	1	1	1	1	1	0	1
8211	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8226	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8261	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8276	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8304	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8332	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8446	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
8477	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
8479	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
8485	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8507	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0
8714	0	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1
9129	0	1	0	1	0	0	1	0	0	1	1	1	1	1	1	1
9142	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9143	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1
9185	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
9197	0	1	0	1	0	0	1	1	0	1	0	1	0	0	0	1
9207	0	1	0	0	0	0	1	0	1	1	1	1	1	1	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9294	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1
9523	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9539	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9541	0	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1
9542	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1
0315	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0477	0	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1
0492	0	0	1	1	1	1	1	1	1	0	0	1	0	1	1	1
0498	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
0631	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0
0993	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0
1109	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1148	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
1168	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
1189	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1196	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1425	0	0	1	0	0	0	1	1	0	1	1	1	1	1	1	1
1427	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1470	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1471	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1
1477	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1501	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0
1513	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0
1516	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1734	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1



TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1763	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1764	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	1
1775	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1
1781	0	0	1	0	0	1	0	1	1	1	0	1	1	1	1	1
2816	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3111	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3336	0	0	1	0	0	1	1	1	1	1	1	0	1	1	1	1
3353	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3355	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3356	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3361	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1
3383	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3384	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3385	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3398	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0
3533	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0
3801	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3825	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
3902	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1
4321	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0
4518	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0
4521	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0
4531	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0
4533	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4747	0	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
48AH	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0
48CA	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
48ID	0	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0
48IE	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48JU	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
48LD	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0
48UN	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
5709	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5802	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5902	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5904	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5906	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
5908	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6017	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0
6021	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
6401	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6416	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6419	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
6586	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6606	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6617	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0
6649	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1
6653	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6901	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1
7196	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
7825	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7871	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7919	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7922	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1
7932	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1
7933	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
7952	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7973	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
7984	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1
7985	0	0	1	1	0	0	1	1	0	1	1	1	1	1	1	1
7986	0	0	1	1	0	1	1	0	0	0	1	1	0	0	0	0
7988	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7989	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7991	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1
7992	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8136	0	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1
8149	0	0	1	0	1	1	0	1	1	0	1	0	0	1	1	0
8216	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8294	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8345	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8444	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
8466	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8486	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8489	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8495	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9132	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1
9210	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
9260	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1
9271	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9295	0	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0
9501	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0
9503	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1
9508	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9512	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9515	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9536	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
9559	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9577	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9578	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1
9579	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1
9740	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0114	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
0459	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
0716	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0893	0	0	0	1	0	1	1	0	0	0	0	1	1	1	1	1
1105	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0
1127	0	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1
1130	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1
1131	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1
1138	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1154	0	0	0	1	1	1	1	1	0	1	0	1	1	1	1	1
1169	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0
1197	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
1424	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1
1443	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
1574	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
1634	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
1751	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1
1918	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1
2348	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	0
2372	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
23EJ	0	0	0	1	0	0	0	1	0	0	0	1	1	1	1	1
2702	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
2741	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2742	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2743	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2751	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
3316	0	0	0	1	0	0	1	1	0	0	1	0	1	1	1	0
3335	0	0	0	1	0	1	1	0	1	1	1	1	0	0	0	0
3351	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
3354	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
3373	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1
3386	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
3423	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3802	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4283	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4291	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
4362	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4771	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4772	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4773	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4774	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4775	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4807	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0
4832	0	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0
4835	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0
4800	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6412	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6414	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6415	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6417	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1
6418	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6432	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6534	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6539	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6542	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6564	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0
6582	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6583	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6584	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0

TABLE A-1 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
6603	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6605	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6608	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6609	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6610	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6631	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6639	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6645	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1
6646	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6647	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6652	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6662	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6664	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6672	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7106	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1
7149	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0
7166	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
7171	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0
7172	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0
7173	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7181	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7182	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7212	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7831	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7872	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
7921	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7923	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
7951	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0
7953	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7954	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7955	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7983	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0
8146	0	0	0	1	1	1	1	1	0	1	0	1	1	0	1	1
8231	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8264	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
8346	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
8454	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
8541	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9122	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9125	0	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1
9182	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
9519	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9522	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9535	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0
9565	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0
9566	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	0
9730	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1
0312	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1
0412	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
0445	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1



TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
0446	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
0457	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
0475	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1
0613	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
0623	0	0	0	0	1	1	1	1	1	1	0	1	1	0	1	1
1478	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
1483	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	0
1484	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
1504	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
1637	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
1667	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
2353	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1
2701	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
2703	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
2706	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
2745	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
2746	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
2752	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1
3334	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1
3901	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
4296	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1
4297	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
4298	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0
4616	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
4668	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4669	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
4805	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
48AM	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0
481J	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0
480J	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0
48UC	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0
48VQ	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0
4954	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	1
5501	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
5502	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
5907	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
5932	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6409	0	0	0	0	1	0	1	1	1	1	0	1	1	1	1	1
6421	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6555	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6602	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1
6616	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6651	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6667	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0
6692	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6693	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0
6696	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
6698	0	0	0	0	1	1	1	0	1	1	1	1	1	1	0	0
7153	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
7826	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
8306	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
8496	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1
8505	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1
8531	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0
8591	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
8765	0	0	0	0	1	0	1	1	1	0	1	0	1	1	0	0
9167	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1
9184	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1
9214	0	0	0	0	1	0	1	0	1	0	0	0	1	1	0	0
9231	0	0	0	0	1	1	0	1	0	1	1	1	1	0	0	0
9511	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1
9538	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0
0321	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
0437	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
0447	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
0878	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1
1132	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
1149	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1
1428	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1
1442	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
1451	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
1456	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
1466	0	0	0	0	0	1	0	1	1	1	1	1	0	1	0	1
1655	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
1773	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
2354	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
2355	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
2371	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
2711	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0
3326	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
3344	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	0
3359	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
3999	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1
4110	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
4711	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
4714	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
4715	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
4728	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1
481W	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
481Z	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0
48KS	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0
48LF	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0
48LL	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0
6012	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
6014	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0
6619	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
6625	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1
7599	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0
7958	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
7967	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
8502	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
8503	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1
8504	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
9251	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
9264	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0
9277	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1
9291	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
9901	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
0438	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
0473	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
0474	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
0469	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1
0459	0	0	0	0	0	0	1	0	0	1	1	0	1	1	1	0
0599	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	1
0625	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
0869	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1
08M9	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1
0989	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1101	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1133	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
11M9	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1
1202	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1461	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1503	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
15N9	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
15R9	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
1635	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	1
1645	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	1
1673	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1
1741	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
1743	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0
1761	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
1799	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
2361	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
2744	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1
2759	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
2821	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
3304	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
3346	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
3349	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
3389	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
3391	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
4101	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
4115	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
4116	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
4127	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
4382	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1
4502	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4819	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
4841	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
48A9	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
48AC	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
4819	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
48LM	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
48MI	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
48QK	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
48R9	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0
48T9	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
64J9	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
6614	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
6659	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1
6686	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1
6697	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1
6999	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
7015	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
7135	0	0	0	0	0	0	1	1	0	1	0	1	1	1	1	1
72H9	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0
76H9	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0
76M9	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	0
9127	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
9168	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
9183	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
9208	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9250	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
9265	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	0
9518	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1
9594	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
0108	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
0299	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
0399	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
0402	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
0428	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
0455	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
0458	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
0479	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0
0699	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
1106	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1
1107	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1
1108	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	0
1111	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1155	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1
1181	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1109	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1
1299	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
1417	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1454	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1455	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
1479	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0



TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1638	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1665	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1672	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1681	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1682	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
1699	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
2099	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0
2199	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1
2332	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1
2347	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
2359	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
2799	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
3305	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
3499	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0
3524	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
3699	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	1
3851	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
4112	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
4121	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1
4122	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1
4299	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
4599	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
4626	0	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1
4799	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
4801	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4802	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
4803	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
4804	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
4808	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
4809	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
4814	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
4834	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
481Y	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
48JZ	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
48KT	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
48KV	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
48M9	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
48W	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
48VR	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
48VT	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
4999	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
5320	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
5931	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6010	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
6402	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6499	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1
64R9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
6522	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6571	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6615	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
6629	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6654	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6682	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
6695	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
6699	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
7099	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
70E9	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1
7199	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1
7259	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1
7399	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1
7899	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
7934	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
7936	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
7937	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
8201	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
9100	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	1
9123	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1
9148	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
9233	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1
9268	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
9270	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
9280	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
9281	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
9292	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
9293	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9521	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
0331	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
0421	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
0426	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
0449	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
0611	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
0799	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
0999	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1183	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1
1191	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1457	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1671	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1674	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1683	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
1731	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1753	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1
1899	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
1999	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1
2374	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
2399	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
2699	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
2704	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
3113	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
3299	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1
3339	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
3347	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
3348	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
3599	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
3799	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3899	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0
4117	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
4204	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
4301	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
4399	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
4499	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
4505	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
4506	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
4632	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
4702	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
4704	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1
4725	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0
4806	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
4839	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
4899	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
48AL	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
48CR	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
48CS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
48XX	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
48MH	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
48QM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
480N	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
48SW	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
48UB	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
48UO	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
5301	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1
5302	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1
5303	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
5710	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
5899	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0
6099	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0
6599	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
6628	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6641	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6671	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6674	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6675	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6676	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6678	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
6679	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6680	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6683	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6803	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6899	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0
70H9	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
7175	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
72E9	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1
7499	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
76E9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
7801	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
7935	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
7959	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8099	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
8199	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
8202	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
8225	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1
8245	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8250	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8274	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8282	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
8307	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8445	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
8499	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
8799	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1
9124	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
9200	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
9209	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1
9218	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
9220	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
0199	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1
0478	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1116	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1
1147	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1
1150	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0
1157	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1
1182	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1
1189	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1
1399	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
1401	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
1452	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1
1576	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
1599	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
2186	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
2335	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
2300	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1
2499	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
2599	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
2899	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1
2999	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0
3327	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
3338	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
4199	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
41E9	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1
41M9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
4524	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
4699	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1



TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
48BE	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
48IP	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
48KU	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
48KW	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
48KZ	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
48LN	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
48QP	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
48SQ	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
48TQ	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
5503	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
5633	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1
5635	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
6399	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
6621	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
6663	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
70F9	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
7183	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
8302	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
8317	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1
9169	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
91A9	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0
91M9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
91R9	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1
9235	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1
9253	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9282	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
9283	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
9290	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
9513	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1
9531	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
9543	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
9580	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
0301	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
0440	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
0621	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
0991	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
1104	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
1120	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
1445	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
1458	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
1485	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
14NL	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
1579	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
1580	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
3323	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
3903	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
3904	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
4120	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
4398	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
4631	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
4703	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
4776	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
4815	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
48AN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
48CE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
48VJ	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
5699	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
5799	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
5999	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
6105	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
6681	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
6684	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
7107	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
7299	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
7918	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
7999	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
8011	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
8308	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
8374	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
8380	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
8451	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
9109	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
9119	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
9119	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
9232	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9267	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
9614	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
9624	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
9628	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
9990	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
1103	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
1114	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
1121	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
1142	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
1491	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
1509	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
2299	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
2707	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
2747	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
2750	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
3199	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
4221	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4331	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4381	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4621	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4671	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4727	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4734	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4921	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4941	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
5199	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
5599	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
6199	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
6638	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
6677	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
6691	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
6694	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
7129	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
8303	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
8342	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
9155	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
9199	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
0619	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
0626	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
0627	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
1112	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
1115	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
1151	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
1446	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
2753	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
3905	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
4749	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
5331	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
6640	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
6660	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
6805	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
7197	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
7223	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
7968	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
8205	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
9234	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
9240	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
0812	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
140B	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
14EA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14EC	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14ED	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EF	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EH	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EJ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
14EK	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EP	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EQ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14ER	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14ET	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EU	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EV	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

TABLE A-1 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
14EW	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14EY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14EZ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FC	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FD	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14FE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FH	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FJ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FP	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FQ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14FS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14NA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14NB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14ND	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14NE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14NF	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14NG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14NH	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14NK	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
14NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14NR	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14NS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14PA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
14PB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
14PC	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
14PD	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14PE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14PF	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14PH	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
14PK	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
1508	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
1578	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
23CD	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CF	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CH	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CK	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CR	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23CT	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23EA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23EB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23EC	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1



TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
23EG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23MA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23MB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
23MC	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23MF	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23MG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23MH	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
23MK	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23ML	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
23MP	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23MZ	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23NA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23NB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23TA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23TB	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
23TC	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
4507	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
4672	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
5601	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
6420	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
6424	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
7147	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
7184	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
7873	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
7969	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
8275	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
8310	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
8376	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
8705	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9252	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
9256	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
9273	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
9274	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
9509	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
0322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0332	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0436	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0441	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0720	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1418	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1439	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14AB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14AC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14AD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
14AE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14BA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14BD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14BE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14CD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14CJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14CM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14DA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14DC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14DD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14DE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14DH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14FA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14HA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14HB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
14HD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14HE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14HF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14HG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14QA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14QB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14QC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14QD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14RA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14RB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14RC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14RD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14SB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14SE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14SF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14TA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14TB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14ZA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14ZG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14ZH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14ZJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

TABLE A-2 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
147K	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
147L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
147M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1664	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
1820	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2363	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23CJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23CN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23ED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23EH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
23EK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23EQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23ME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23MJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
23MQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2705	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
3815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
6423	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
6426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
8300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9504	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

TABLE A-1 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
9571	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9575	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0403	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0404	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0472	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0629	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06M9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
0981	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11C9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14CN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14DL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14HJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14TC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14TF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14TH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14TJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14ZB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14ZP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

TABLE A-3 (CONTINUED)

NEC	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1507	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
230G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3601	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4366	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4673	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4706	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4712	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5299	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5323	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6429	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6670	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6688	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9243	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9537	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

TABLE A-3

NUMBER OF NECs AWARDED: BY FISCAL YEAR AND BY NEC

NEC	1979	1980	1981	1982	1983	1984	1985
0107	29	23	25	29	24	34	28
0108	4	6	7	6	7	3	2
0114	113	67	13	10	41	9	24
0161	54	68	85	46	55	54	60
0162	49	42	50	49	40	62	38
0164	308	285	200	86	92	125	123
0165	11	17	17	26	10	13	17
0153	1	4	7	1	0	0	1
0215	3	4	2	2	2	6	2
0216	3	3	1	4	4	1	2
0299	1	4	2	1	6	5	15
0312	155	105	157	156	159	295	225
0313	104	76	74	88	100	159	154
0314	4	6	1	0	1	0	2
0315	9	3	1	3	1	3	6
0316	190	189	145	206	185	169	207
0317	528	546	432	667	611	681	560
0318	116	125	116	124	121	50	48
0319	24	28	10	37	53	30	15
0321	106	106	84	122	160	73	75
0341	127	106	133	140	233	214	194
0399	5	1	71	23	18	13	3
0402	1	10	24	17	39	15	36
0408	11	18	13	5	10	12	17
0409	2	4	11	6	0	0	0



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
0412	86	150	161	141	338	294	235
0416	8	6	5	5	9	7	6
0421	157	144	145	133	141	132	149
0422	205	58	46	82	90	55	11
0424	33	23	11	10	9	1	0
0427	80	47	36	58	15	2	7
0428	173	148	112	111	78	67	87
0431	23	25	28	20	30	30	16
0434	97	72	62	75	71	99	85
0435	2	1	4	1	1	3	5
0437	8	3	7	12	25	26	16
0438	2	3	1	10	7	15	6
0445	137	154	289	200	232	309	351
0446	14	3	11	13	2	8	14
0447	43	57	57	51	40	71	35
0449	8	25	34	42	36	37	31
0451	53	49	15	7	1	0	0
0452	12	15	18	16	14	15	11
0453	17	16	15	1	0	0	0
0454	76	101	80	69	68	88	31
0455	15	17	6	0	0	0	0
0456	59	38	28	24	22	31	29
0457	88	98	55	56	92	62	50
0458	1	5	29	36	13	38	40
0459	29	32	35	33	44	64	39

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
0473	2	12	7	1	2	6	10
0474	17	28	32	8	10	15	5
0477	1	1	6	1	2	6	8
0478	7	0	0	0	0	0	0
0479	2	2	3	1	0	1	0
0482	1	3	2	0	0	1	1
0483	11	13	15	5	6	6	6
0484	2	4	16	0	1	0	0
0487	1	0	0	0	0	0	0
04S9	3	3	0	1	2	1	0
0599	4	0	4	2	1	0	3
0611	348	105	179	450	331	1	0
0612	38	52	101	39	38	0	24
0613	19	2	7	9	1	0	27
0622	37	18	13	10	7	0	0
0623	3	0	6	2	0	2	13
0625	50	28	12	5	2	0	0
0631	12	11	4	0	0	0	0
0699	7	7	13	13	3	5	0
0715	15	1	2	0	0	0	0
0718	25	41	34	23	15	19	25
0719	11	6	10	6	3	6	0
0721	18	12	25	26	23	23	20
0737	65	49	60	20	28	7	0
0738	13	10	4	1	0	2	0

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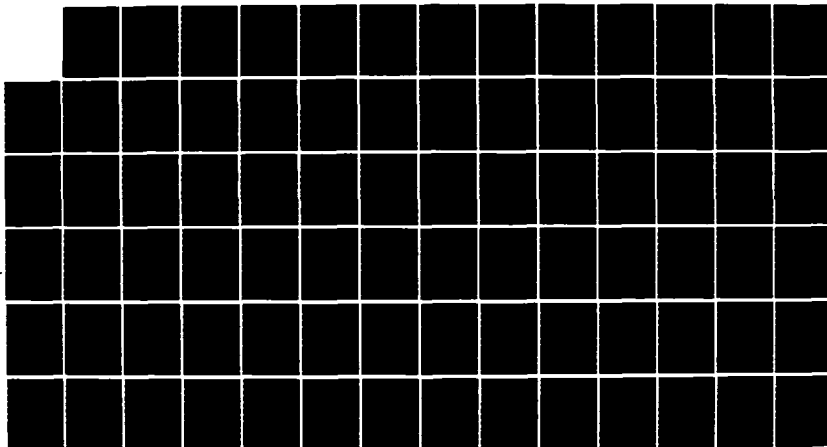
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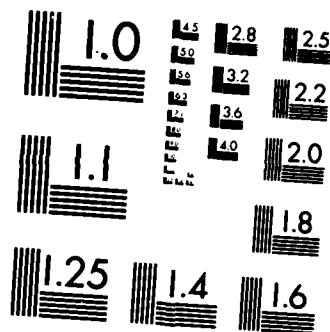
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TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
0745	1	0	0	0	0	0	0
0746	47	102	85	57	63	84	89
0747	12	21	10	21	19	10	3
0748	52	13	35	68	68	77	82
0749	26	16	28	14	12	8	3
0771	4	5	6	2	4	3	2
0799	2	5	26	16	0	0	0
0811	21	11	20	19	23	4	0
0871	54	35	25	36	36	38	51
0872	21	12	11	7	14	19	10
0873	2	0	0	1	2	0	0
0876	77	64	112	96	149	98	88
0877	67	62	59	84	91	128	109
0878	9	23	25	55	88	75	82
0891	131	132	137	178	198	161	181
0892	13	26	24	3	0	0	0
08G9	4	1	3	0	2	3	3
08M9	2	6	11	0	4	2	16
0926	69	82	55	75	65	63	41
0986	53	64	57	44	106	149	96
0987	16	35	22	27	35	40	5
0988	15	34	22	31	34	6	27
0989	2	10	19	29	52	18	11
0993	25	37	37	29	3	1	0
0999	6	10	21	8	4	4	19

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1102	19	91	62	75	109	99	111
1105	155	111	77	51	0	0	0
1106	4	0	3	14	16	13	1
1108	1	0	4	0	7	6	0
1109	22	17	24	13	6	6	0
1111	117	175	139	145	165	216	246
1113	20	22	21	6	36	9	19
1123	15	2	8	1	19	0	10
1125	54	29	55	38	51	12	3
1126	2	1	7	3	13	11	17
1127	8	23	107	123	137	264	344
1128	2	0	0	0	0	26	49
1131	11	157	60	2	3	6	3
1132	57	34	94	94	92	43	33
1133	68	55	89	26	61	26	34
1135	18	17	17	13	22	13	18
1136	81	60	25	14	0	0	1
1137	9	6	10	12	17	6	11
1138	53	53	88	68	78	38	17
1146	57	58	24	27	41	58	46
1147	1	0	4	1	0	0	12
1148	78	86	54	37	71	67	95
1149	1	2	9	7	28	16	2
1150	3	5	1	0	1	3	0
1152	2	1	10	0	0	0	1

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1153	14	12	11	2	14	6	1
1154	8	0	10	5	4	2	1
1156	1	0	0	0	0	0	0
1157	1	0	3	1	0	2	1
1163	94	75	68	49	84	124	144
1164	2	0	0	0	0	0	0
1165	2	1	0	0	0	0	0
1166	36	31	49	37	66	50	7
1168	17	15	24	20	31	6	21
1169	50	1	3	10	0	0	0
1181	59	81	95	112	101	83	61
1185	6	0	0	0	0	0	0
1188	43	37	55	24	53	35	35
1189	42	25	40	44	45	44	22
1191	4	9	20	13	20	18	16
1192	12	16	19	18	13	4	0
1193	42	47	12	23	13	1	0
1195	19	17	24	23	21	20	14
1196	36	49	52	35	27	38	18
1197	36	44	9	19	26	1	6
1189	2	0	1	0	0	1	4
11M9	2	8	10	4	7	6	1
1201	18	12	3	1	28	10	7
1202	22	13	7	33	17	20	14
1318	2	0	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1399	1	2	0	0	0	0	0
1401	1629	2	188	0	0	0	0
1403	12	7	17	28	27	26	10
1404	2	0	0	0	0	0	0
1411	15	4	4	1	0	1	0
1412	9	15	7	11	7	14	5
1413	34	16	58	39	47	42	64
1414	14	7	18	2	9	11	6
1415	41	41	46	80	104	107	74
1416	22	12	14	3	0	0	0
1417	29	25	26	24	20	22	11
1420	60	65	93	131	129	153	137
1421	14	10	6	5	2	1	0
1422	86	113	100	123	147	153	184
1423	167	226	267	248	260	208	139
1425	2	1	135	206	168	275	329
1426	15	24	25	29	39	39	0
1427	29	40	32	65	69	90	45
1431	267	240	208	209	234	268	255
1432	17	24	16	25	34	21	1
1433	6	2	3	0	0	0	0
1434	87	74	71	73	122	65	45
1435	95	67	77	113	46	51	12
1436	149	159	140	101	175	89	33
1437	199	104	99	69	62	68	94



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1438	225	238	291	258	325	237	261
1441	68	76	72	72	91	51	55
1442	20	7	20	31	39	28	39
1443	21	10	10	8	24	21	14
1448	15	22	14	11	39	26	30
1449	69	28	16	45	43	46	33
1451	1	13	8	22	17	15	17
1453	177	168	116	96	151	108	100
1454	28	18	35	25	43	38	36
1456	9	17	13	14	4	27	9
1457	2	1	4	9	4	11	2
1461	46	43	49	49	53	38	94
1462	9	6	7	2	12	1	0
1463	19	7	16	10	35	18	10
1464	5	1	0	0	0	2	9
1466	3	8	13	0	17	0	4
1470	29	6	54	83	46	51	35
1471	21	3	0	1	3	53	71
1472	30	29	34	48	60	47	47
1473	27	39	49	44	57	58	40
1474	6	4	13	21	0	0	1
1475	30	7	19	25	1	2	2
1476	21	23	18	26	0	3	1
1477	11	26	8	5	39	28	21
1478	38	49	36	48	2	8	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1479	17	3	0	0	0	0	0
1481	57	71	73	118	43	21	24
1482	48	36	39	69	7	6	1
1483	16	33	34	68	2	3	0
1484	22	37	39	59	11	4	0
1501	1513	8	106	0	0	0	0
1502	21	9	19	12	24	17	27
1503	13	14	36	72	90	74	53
1504	23	32	36	48	73	66	80
1506	7	8	15	7	4	0	0
1512	14	14	15	11	7	0	0
1513	7	0	0	0	0	0	0
1515	2	0	0	0	0	0	0
1516	78	149	107	119	117	88	51
1522	17	14	23	11	16	25	8
1523	7	4	11	8	8	8	3
1572	69	67	98	126	258	261	217
1573	4	19	5	2	2	2	4
1574	63	45	31	67	64	49	39
1576	4	9	7	14	9	12	7
1577	48	26	33	24	33	31	26
1588	74	148	163	236	322	226	162
1599	1	23	41	26	57	47	61
15N9	2	0	0	0	0	0	0
15R9	2	0	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1615	17	14	31	19	29	31	34
1616	19	14	58	24	42	43	37
1623	64	59	66	47	73	65	41
1634	26	25	21	25	18	32	27
1636	19	30	73	23	23	28	21
1637	49	41	40	42	55	71	8
1638	3	12	28	2	33	0	3
1645	2	5	2	0	3	0	1
1653	38	25	30	28	25	33	36
1655	18	14	27	26	18	25	28
1665	49	59	47	52	53	63	36
1666	47	78	65	64	47	15	0
1667	49	41	52	31	18	45	45
1668	17	44	70	41	79	72	71
1671	5	33	15	16	25	38	35
1672	34	38	49	28	36	40	47
1673	18	15	17	6	28	21	9
1674	14	7	22	4	9	20	10
1681	11	23	18	23	23	17	22
1682	35	29	42	33	39	36	46
1683	2	22	12	25	13	0	12
1699	152	110	284	160	130	42	6
1731	26	101	118	278	485	548	575
1733	35	109	112	231	229	205	49
1734	6	17	29	44	55	53	26

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1753	1	0	8	3	13	18	9
1761	128	191	149	206	71	76	87
1763	224	174	146	183	24	45	44
1764	40	34	5	2	0	0	3
1773	155	68	62	68	24	6	3
1774	29	8	0	3	1	5	6
1775	31	11	10	2	0	4	4
1781	1	0	11	19	68	55	28
1799	1	2	3	7	7	11	10
1812	6	18	13	16	16	13	23
1821	11	24	20	41	37	26	16
1899	2	2	6	8	4	10	11
1903	8	8	15	15	15	9	28
1918	2	14	12	18	11	0	4
1999	1	2	0	3	6	5	12
2099	155	99	14	0	7	0	0
2186	169	59	82	94	84	34	18
2199	90	79	70	14	2	0	1
2211	5	10	6	8	5	11	14
2301	2	6	7	0	2	8	14
2304	275	239	374	331	268	251	263
2305	2	0	0	0	0	0	0
2313	250	152	270	266	445	504	403
2314	46	46	62	55	22	5	1
2318	138	181	200	150	263	262	192

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
2319	28	50	33	34	57	33	45
2332	24	26	43	87	5	0	5
2333	42	33	40	86	1	1	2
2335	6	19	13	13	0	0	0
2342	216	228	305	224	326	358	262
2345	65	38	48	88	4	3	1
2346	127	177	199	176	257	154	51
2347	34	69	65	90	2	1	4
2348	60	30	52	89	6	1	0
2353	82	62	55	48	8	8	2
2354	3	4	3	6	36	12	15
2355	18	20	35	50	49	37	35
2359	98	89	77	65	93	94	71
2361	88	42	21	19	51	28	9
2371	136	173	130	136	154	213	181
2372	62	62	37	59	79	70	50
2374	6	5	4	6	4	1	3
2393	38	37	21	11	38	47	20
2399	3	1	3	6	15	16	2
2499	38	24	62	31	0	0	0
2511	29	17	21	19	28	16	1
2512	4	2	0	0	1	0	0
2514	28	24	21	22	32	26	10
2516	131	145	124	129	141	180	300
2525	8	0	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
2526	243	269	229	274	348	320	317
2599	1	8	9	8	1	0	0
2612	132	101	89	56	118	101	121
2614	9	5	8	1	0	0	0
2699	8	14	6	2	0	0	0
2702	157	0	0	0	0	0	0
2703	47	35	42	54	59	27	59
2704	20	16	14	12	24	6	0
2706	49	36	25	42	38	35	56
2711	53	36	43	70	50	0	0
2734	25	27	23	37	27	35	31
2741	12	8	6	8	12	7	6
2742	59	38	61	68	98	98	98
2743	9	6	5	6	13	8	13
2744	2	2	7	0	7	4	5
2745	12	3	3	3	3	0	10
2746	6	7	3	5	4	6	12
2751	13	14	13	13	17	24	24
2752	7	6	0	5	4	4	3
2759	17	9	13	11	5	16	20
2799	15	62	22	14	18	14	2
2813	36	0	0	0	0	0	175
2815	138	147	94	143	134	149	167
2816	47	76	46	53	66	94	99
2817	98	125	101	84	153	186	226

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
2818	103	80	76	63	92	85	1
2819	9	21	19	16	9	7	11
2821	41	37	19	28	50	29	22
2899	1	2	3	0	2	3	1
2999	2	0	4	1	3	3	0
3111	25	14	12	8	6	5	6
3112	81	224	156	164	172	153	128
3113	6	12	83	108	67	43	65
3114	36	5	30	25	24	8	5
3122	283	206	210	248	328	370	297
3142	6	0	0	0	0	0	0
3154	13	55	111	109	133	138	101
3155	227	0	0	0	0	0	0
3221	94	39	37	34	45	69	22
3299	2	5	16	3	0	1	2
3301	50	30	2	0	0	0	0
3302	10	0	0	0	0	0	0
3303	113	124	120	80	52	66	53
3304	59	20	6	22	12	9	13
3305	55	119	115	102	68	88	73
3306	116	0	0	0	0	0	0
3309	48	0	0	0	0	0	0
3311	115	57	0	1	1	0	0
3312	2	5	0	0	0	0	0
3313	336	231	128	102	95	104	104

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
3314	99	40	13	2	11	0	0
3315	82	159	156	100	81	109	110
3317	122	43	52	35	79	70	69
3318	1	0	0	0	0	0	0
3321	21	15	1	3	2	0	0
3322	81	84	54	98	57	58	57
3324	116	88	75	95	82	63	71
3325	213	130	59	58	3	3	1
3326	19	59	76	70	188	34	21
3327	9	18	13	17	20	29	24
3332	28	3	4	2	5	3	3
3333	81	0	0	0	0	0	0
3334	9	4	9	2	6	0	4
3335	2	1	4	0	0	0	0
3336	4	2	0	4	5	2	4
3337	120	0	0	0	0	0	0
3338	10	0	0	0	0	0	0
3339	17	0	0	0	0	0	0
3341	2	0	3	0	0	0	0
3342	8	11	10	0	1	1	7
3343	13	14	25	0	1	0	0
3344	5	7	6	0	1	0	0
3345	5	0	0	0	0	0	0
3346	13	0	0	0	0	0	0
3347	8	0	0	0	0	0	0



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
3348	5	0	0	0	0	0	0
3349	2	0	0	0	0	0	0
3351	101	85	100	86	80	66	19
3353	464	419	430	457	571	480	433
3354	671	509	531	610	702	564	585
3355	934	698	551	550	779	660	705
3356	281	293	291	330	282	175	97
3359	395	309	281	265	373	450	282
3361	45	28	21	20	32	37	27
3363	128	150	182	158	139	177	139
3364	188	212	196	202	206	233	202
3365	222	151	165	190	229	280	181
3366	121	79	73	83	105	133	134
3373	229	275	244	213	264	337	288
3383	225	169	175	171	234	231	258
3384	202	168	265	242	215	248	282
3385	467	457	241	269	445	440	399
3386	72	68	94	121	74	130	63
3389	85	67	69	85	93	106	93
3393	39	38	30	32	32	39	45
3394	44	40	29	33	35	49	56
3395	85	59	49	39	94	131	77
3396	34	22	16	14	8	10	23
3524	433	189	353	338	290	370	519
3529	384	428	495	457	387	380	320

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
3533	488	463	470	420	431	0	0
3535	24	20	8	9	13	36	56
3537	9	5	2	8	1	14	1
3599	9	30	39	6	10	1	0
3699	1	0	3	1	2	0	1
3801	7	1	6	9	6	7	2
3803	3	2	10	9	9	11	7
3805	6	1	11	15	16	20	7
3806	3	2	9	15	19	11	14
3808	1	0	1	4	2	2	2
3809	2	1	8	15	17	7	1
3812	2	0	0	3	12	2	2
3813	2	3	7	14	19	4	2
3814	1	0	1	5	14	1	2
3825	4	3	11	10	8	0	3
3851	5	5	2	5	4	4	8
3901	32	38	45	29	27	32	31
3902	41	38	37	48	28	53	42
3999	5	5	29	23	8	5	4
4110	7	72	159	143	165	244	157
4111	121	235	266	203	125	68	15
4112	40	84	49	2	0	0	0
4115	36	44	54	41	64	66	13
4116	1	0	0	0	0	0	0
4127	4	20	60	51	14	5	4

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
4199	34	0	0	0	0	0	0
41E9	71	59	4	0	3	5	16
41M9	62	145	28	16	20	5	0
4204	9	8	29	97	240	198	216
4245	393	319	440	257	585	390	391
4246	106	82	166	234	233	274	253
4252	109	104	165	101	145	209	173
4262	184	172	151	124	145	120	129
4282	1	2	1	0	0	0	0
4283	80	61	77	71	63	55	64
4291	60	66	76	85	121	48	23
4294	502	439	587	512	559	548	478
4295	152	136	114	132	120	99	113
4298	101	0	0	0	0	0	0
4299	14	14	88	30	24	4	3
4301	2	1	13	4	12	16	8
4314	8	12	27	16	23	10	31
4315	44	38	134	113	125	34	41
4316	24	23	53	53	26	24	25
4317	15	65	218	90	135	89	93
4318	22	17	46	28	31	14	15
4322	4	5	4	0	0	0	0
4353	1	1	0	0	0	0	0
4362	39	39	84	60	84	26	39
4399	1	5	4	2	2	13	3

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
4499	1	6	6	2	13	23	22
4501	21	27	18	7	13	4	11
4502	24	45	53	56	35	44	19
4503	38	54	33	45	18	37	27
4506	39	19	8	3	0	0	0
4511	25	25	25	10	3	5	2
4512	109	99	74	94	151	69	21
4513	97	119	102	104	164	88	31
4515	31	13	10	38	40	21	27
4518	12	27	38	79	0	0	0
4519	30	42	40	66	0	0	0
4521	7	9	10	23	0	0	0
4524	70	110	113	6	4	0	0
4531	40	43	20	39	7	6	0
4532	101	155	183	203	184	150	112
4533	119	167	260	244	215	217	148
4599	4	5	6	4	4	1	0
4615	181	185	157	179	210	198	209
4616	24	24	24	34	43	34	59
4626	2	12	74	0	3	7	31
4666	25	20	12	28	39	17	35
4668	45	25	48	37	70	58	48
4669	24	14	15	18	34	23	9
4699	6	5	24	16	26	17	9
4701	10	0	10	5	0	6	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
4702	20	5	7	0	0	0	0
4711	9	9	13	9	11	9	9
4713	15	5	2	0	1	0	0
4714	59	45	52	64	51	64	30
4715	17	21	31	25	33	49	32
4721	59	69	99	100	104	132	90
4722	4	1	0	0	3	2	0
4723	2	1	0	0	21	51	108
4724	163	138	192	128	88	49	0
4725	2	1	0	9	8	8	0
4731	94	115	27	104	170	95	100
4745	14	24	18	15	31	31	22
4746	99	98	101	68	70	74	80
4752	44	34	39	61	61	27	7
4762	108	125	106	59	70	70	55
4771	10	5	6	5	11	10	14
4772	14	16	9	8	19	31	22
4773	18	17	14	15	22	23	19
4774	48	24	26	40	51	75	72
4775	63	42	76	64	73	92	90
4799	3	8	12	7	25	35	24
4813	11	5	0	0	0	0	0
4814	2	11	0	0	0	0	0
4816	14	7	0	0	0	0	0
4821	62	54	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
4824	6	21	0	0	0	0	0
4831	39	46	0	0	0	0	0
4832	17	15	0	0	0	0	0
4834	55	59	0	0	0	0	0
4835	59	4	0	0	0	0	0
4839	6	7	0	0	0	0	0
4841	2	13	0	0	0	0	0
4842	1	2	0	0	0	0	0
48A9	13	10	0	0	0	0	0
48AA	51	47	0	0	0	0	0
48AB	8	5	0	0	0	0	0
48AG	40	31	0	0	0	0	0
48AH	1	1	0	0	0	0	0
48AJ	3	3	0	0	0	0	0
48AL	2	0	0	0	0	0	0
48AM	2	0	0	0	0	0	0
48BA	2	0	0	0	0	0	0
48BE	46	64	0	0	0	0	0
48CB	14	9	0	0	0	0	0
48CC	11	2	0	0	0	0	0
48CH	28	27	0	0	0	0	0
48CN	108	10	0	0	0	0	0
48CR	3	0	0	0	0	0	0
4819	8	9	0	0	0	0	0
481A	1	0	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
481D	16	16	0	0	0	0	0
481E	17	8	0	0	0	0	0
481F	5	0	0	0	0	0	0
481H	5	3	0	0	0	0	0
481I	5	7	0	0	0	0	0
481J	5	5	0	0	0	0	0
481K	4	2	0	0	0	0	0
481N	10	7	0	0	0	0	0
481P	1	6	0	0	0	0	0
481U	12	5	0	0	0	0	0
481Y	1	0	0	0	0	0	0
481Z	20	44	0	0	0	0	0
48JB	2	0	0	0	0	0	0
48JC	10	0	0	0	0	0	0
48JP	15	10	0	0	0	0	0
48JT	5	1	0	0	0	0	0
48JU	8	9	0	0	0	0	0
48JZ	27	10	0	0	0	0	0
48KL	6	2	0	0	0	0	0
48KR	9	15	0	0	0	0	0
48KS	31	20	0	0	0	0	0
48KT	16	10	0	0	0	0	0
48KU	3	12	0	0	0	0	0
48KV	36	19	0	0	0	0	0
48KW	3	4	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
48KZ	20	12	0	0	0	0	0
48LD	22	24	0	0	0	0	0
48LF	2	1	0	0	0	0	0
48LL	3	10	0	0	0	0	0
48LN	15	6	0	0	0	0	0
48M9	36	43	0	0	0	0	0
48MB	62	21	0	0	0	0	0
48MC	59	31	0	0	0	0	0
48MI	85	59	0	0	0	0	0
48OC	40	63	0	0	0	0	0
48OO	16	20	0	0	0	0	0
48OF	1	0	0	0	0	0	0
48OJ	7	16	0	0	0	0	0
48OK	12	6	0	0	0	0	0
48OM	10	0	0	0	0	0	0
48ON	6	0	0	0	0	0	0
48OP	3	5	0	0	0	0	0
48R9	3	2	0	0	0	0	0
48SQ	3	0	0	0	0	0	0
48T9	1	8	0	0	0	0	0
48TQ	1	0	0	0	0	0	0
48UG	3	4	0	0	0	0	0
48UH	1	1	0	0	0	0	0
48UJ	26	4	0	0	0	0	0
48UK	2	0	0	0	0	0	0



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
48UM	2	0	0	0	0	0	0
48UP	53	71	0	0	0	0	0
48UQ	14	6	0	0	0	0	0
48UR	12	10	1	0	0	0	0
48US	12	9	0	0	0	0	0
48UT	3	8	0	0	0	0	0
48UU	1	1	0	0	0	0	0
48VP	32	32	0	0	0	0	0
48VQ	1	4	0	0	0	0	0
48VT	2	5	0	0	0	0	0
4931	52	7	10	13	29	58	49
4932	55	59	55	50	58	43	43
4933	28	26	16	0	39	17	23
4934	46	44	63	50	73	76	60
4935	41	38	41	49	33	39	26
4936	17	39	15	14	22	8	9
4937	13	23	13	9	29	14	8
4938	4	17	7	16	10	10	8
4939	13	24	8	11	18	6	6
4951	18	10	0	0	0	0	0
4952	9	3	0	0	0	0	0
4953	40	6	0	0	0	0	0
4954	60	139	155	271	306	459	347
4955	175	178	202	143	136	199	154
4956	118	91	82	65	98	89	77

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
4999	3	4	8	8	19	34	10
5301	286	128	0	1	133	213	31
5302	31	45	0	2	65	123	7
5303	272	42	2	8	265	214	5
5311	31	29	27	37	21	24	3
5320	97	171	60	106	81	100	67
5321	40	116	141	36	44	11	3
5322	3	1	0	0	0	0	0
5326	48	82	87	60	127	300	102
5327	7	5	8	3	7	3	4
5332	21	19	28	72	71	66	52
5333	24	19	17	23	20	20	8
5341	15	5	14	13	15	7	0
5342	121	52	102	77	94	35	14
5343	254	235	132	170	315	374	242
5345	154	143	154	178	227	186	193
5346	7	3	1	1	1	1	0
5501	22	23	37	14	33	23	18
5503	1	10	11	20	25	17	12
5632	8	6	23	3	4	0	0
5633	37	3	6	6	0	1	14
5635	2	26	38	40	29	43	39
5642	9	9	11	0	1	8	12
5644	29	14	18	14	22	19	22
5707	17	13	14	15	15	20	13

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
5708	15	22	29	21	24	26	33
5709	11	0	0	0	0	0	0
5711	10	0	0	0	0	0	0
5712	3	0	0	0	0	0	0
5801	23	0	0	0	0	0	0
5802	15	0	0	0	0	0	0
5804	8	3	28	68	15	24	57
5805	6	34	57	65	43	50	48
5899	1	5	1	0	1	0	0
5901	14	0	0	0	0	0	0
5902	7	0	0	0	0	0	0
5904	2	0	0	0	0	0	0
5906	15	0	0	0	0	0	0
5907	2	64	82	83	98	81	64
5908	12	8	11	15	9	9	8
5915	57	43	58	43	29	45	31
5931	6	7	9	2	4	5	3
5932	8	9	18	24	17	17	10
6010	2	25	41	35	29	18	42
6012	22	0	0	0	0	0	0
6014	13	0	0	0	0	0	0
6017	6	0	0	0	0	0	0
6021	8	9	+	9	26	9	12
6102	22	10	28	14	18	18	24
6104	15	10	39	11	38	20	19

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
6313	85	52	108	157	152	94	103
6399	2	1	3	2	4	6	7
6401	19	11	8	9	12	18	17
6402	78	72	25	47	11	8	3
6409	5	0	11	5	17	6	2
6412	33	13	33	49	44	8	17
6414	36	62	38	32	36	49	46
6415	74	88	56	83	119	86	84
6416	58	52	64	84	134	90	177
6417	3	4	7	8	15	13	15
6418	156	102	120	127	137	159	114
6419	35	85	27	48	53	85	92
6421	22	34	16	26	38	49	40
6422	39	43	49	32	51	47	44
6499	1	1	9	3	0	0	2
6522	10	10	1	2	6	7	8
6526	37	27	16	27	27	49	39
6527	5	4	9	12	15	26	11
6529	25	23	12	14	28	61	39
6533	7	10	3	4	6	1	3
6534	20	21	19	32	30	25	27
6555	21	8	21	20	30	25	25
6564	20	28	16	13	27	46	0
6569	29	18	20	23	8	17	16
6571	4	5	1	8	14	10	14

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
6582	115	92	65	114	93	98	76
6583	32	17	20	22	24	45	50
6585	13	30	24	40	44	45	69
6586	91	92	58	72	100	59	156
6603	11	14	8	12	18	6	7
6604	11	16	0	0	0	0	0
6605	69	69	71	63	83	75	110
6606	50	66	57	52	74	69	70
6607	20	36	26	38	45	53	53
6608	5	18	6	7	5	11	12
6609	99	91	70	93	87	95	76
6611	133	157	116	116	138	119	109
6612	102	95	76	92	107	99	93
6613	18	31	23	29	19	36	26
6614	17	10	23	9	17	16	13
6615	8	21	19	35	40	37	38
6616	16	10	6	11	5	11	1
6617	8	11	9	16	14	0	0
6618	2	0	0	0	0	0	1
6619	21	14	22	6	28	27	24
6621	13	30	5	13	10	14	26
6623	5	2	7	2	0	0	0
6624	3	2	2	2	5	0	0
6625	24	18	18	10	10	8	3
6626	4	1	2	4	0	4	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
6627	3	7	7	1	1	0	0
6628	10	2	20	7	11	8	2
6629	6	28	35	42	32	49	57
6631	3	9	4	6	5	2	5
6632	4	8	8	9	12	0	0
6633	1	5	3	4	9	0	0
6634	2	8	10	16	29	22	35
6635	5	14	10	6	15	43	6
6637	4	11	0	0	0	0	0
6639	22	37	41	39	36	34	38
6641	18	18	26	26	44	30	40
6643	11	9	4	7	11	14	6
6644	2	3	4	3	4	1	0
6645	18	9	12	7	7	5	2
6646	7	7	3	3	10	12	13
6647	9	9	9	11	7	12	14
6648	11	13	5	7	9	5	7
6649	3	1	9	6	7	3	16
6651	21	10	11	8	13	5	7
6652	148	168	85	159	137	170	110
6653	47	69	36	25	28	17	11
6654	12	9	11	3	10	2	5
6655	7	0	2	2	0	0	2
6656	1	0	0	0	0	0	7
6659	4	25	16	26	47	23	17

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
6661	5	10	2	9	6	0	0
6662	17	7	10	14	14	9	13
6663	10	26	18	20	24	16	10
6664	21	16	22	22	21	23	29
6666	5	2	1	2	1	0	0
6667	7	4	3	1	3	0	0
6668	19	44	42	43	64	59	58
6669	2	0	0	0	0	0	3
6671	11	5	4	3	16	6	10
6672	35	29	20	45	50	55	61
6673	51	105	116	113	145	100	185
6674	7	11	7	5	18	3	13
6675	11	8	7	10	11	12	4
6676	15	8	6	8	5	10	4
6678	4	0	0	0	0	0	0
6679	2	9	3	1	6	4	7
6680	3	4	3	1	7	7	5
6682	4	8	4	3	16	5	4
6683	7	20	20	32	56	51	61
6685	238	182	108	7	0	0	0
6692	35	37	56	30	37	74	66
6693	17	8	22	0	0	0	0
6695	5	0	0	0	0	0	0
6696	18	2	3	4	13	10	12
6697	11	6	0	6	12	4	5

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
6698	37	17	19	16	43	0	0
6699	8	15	64	60	17	1	1
6801	76	43	54	61	75	31	23
6802	116	81	97	64	109	92	82
6803	2	10	24	32	12	22	13
6804	57	30	51	44	60	78	95
6806	33	19	23	25	44	27	21
6899	2	3	1	0	2	2	0
6901	56	34	71	87	121	113	111
6902	16	15	79	243	151	190	134
6912	41	0	0	0	0	0	0
6999	28	62	83	68	88	17	3
7013	58	0	0	0	0	0	0
7015	32	0	0	0	0	0	0
7022	82	62	61	82	108	117	84
70E9	8	7	13	3	0	1	3
70F9	1	0	2	0	0	0	0
7103	1	11	2	0	0	0	0
7104	1	0	0	0	0	0	0
7105	31	31	33	240	57	41	48
7106	6	4	15	11	16	9	13
7109	7	2	11	3	10	3	0
7112	15	6	6	3	2	3	1
7114	13	11	9	5	9	4	2
7115	3	13	10	3	4	4	0



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
7116	13	23	14	6	11	6	0
7117	4	7	10	14	8	9	6
7123	12	5	3	0	3	2	0
7124	28	9	10	0	0	0	0
7125	1	0	0	0	0	0	0
7128	30	42	23	12	15	27	0
7132	21	23	23	22	17	32	0
7133	16	32	23	27	20	22	17
7135	10	0	9	14	6	9	1
7136	37	57	51	53	66	96	93
7144	24	23	18	26	21	38	44
7149	22	27	12	20	21	24	0
7166	7	7	5	4	10	13	14
7171	7	18	17	13	9	8	0
7172	13	13	2	4	3	2	0
7173	50	49	49	39	32	40	34
7174	11	13	10	19	29	41	27
7175	7	6	9	4	14	15	1
7181	74	119	120	111	183	166	121
7182	51	84	53	93	105	56	75
7183	3	5	7	13	8	14	0
7196	19	17	15	17	15	3	0
7199	10	0	11	6	7	0	4
7212	76	69	123	169	163	113	109
7222	52	35	50	50	68	42	41

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
7225	63	54	41	24	16	13	38
72E9	2	1	2	2	0	0	1
7352	4	7	5	2	6	2	1
7354	1	2	1	2	1	0	2
7412	49	31	103	71	67	75	63
7414	27	44	68	79	53	54	46
7499	5	4	10	4	0	0	0
7514	8	30	3	22	14	22	3
7523	139	88	155	91	85	57	10
7599	12	26	45	1	0	0	0
76E9	2	6	5	2	1	6	2
76M9	1	2	4	0	6	6	0
7801	31	94	596	458	466	134	155
7815	11	11	17	108	192	141	186
7821	194	190	176	268	217	218	129
7825	64	83	77	66	51	47	60
7826	58	72	46	39	51	73	67
7831	63	45	60	74	59	42	53
7851	52	66	35	70	59	32	33
7861	75	84	94	128	105	100	80
7871	26	42	64	60	87	78	76
7872	94	94	122	85	89	73	121
7881	8	14	5	7	8	14	2
7899	15	30	43	15	14	6	20
7919	6	14	3	4	4	2	9

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
7921	6	19	12	8	25	6	20
7922	8	10	8	1	5	5	5
7923	4	10	9	5	6	0	5
7931	10	2	0	1	1	1	1
7932	5	4	1	1	0	0	1
7933	3	1	0	0	0	0	0
7934	31	28	25	43	47	17	15
7935	9	3	6	6	8	2	0
7936	5	4	5	9	9	11	3
7937	5	5	4	11	6	3	4
7946	16	5	8	5	20	0	0
7948	2	0	0	0	0	0	0
7951	61	46	29	8	0	0	0
7952	12	18	10	9	9	8	0
7953	23	30	10	9	19	18	20
7954	13	23	16	12	5	7	16
7955	22	17	14	13	14	14	24
7958	3	30	38	43	73	116	93
7959	2	7	16	8	5	31	31
7963	7	11	8	5	1	3	2
7964	12	14	17	19	14	15	16
7965	1	0	0	0	0	0	0
7967	31	8	3	16	17	31	26
7975	24	14	14	9	14	20	14
7976	6	22	11	13	17	16	8

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
7983	6	2	11	1	6	0	0
7984	7	13	16	25	30	26	20
7985	1	1	11	1	7	2	2
7988	10	18	16	24	29	22	13
7989	10	14	17	17	17	20	15
7991	4	12	13	19	23	15	10
7992	14	6	16	17	24	17	11
8099	15	9	5	6	1	0	1
8126	10	11	10	11	16	12	6
8133	49	66	62	100	66	58	40
8136	1	1	0	5	4	2	2
8143	31	37	30	38	43	33	10
8144	17	3	3	5	4	5	4
8146	5	0	1	1	0	2	2
8148	9	2	5	4	6	5	19
8192	16	15	17	24	14	6	7
8199	8	11	6	1	0	0	0
8201	368	412	729	492	221	1050	589
8202	6	9	4	3	6	7	0
8211	54	61	41	42	34	47	32
8215	115	128	242	295	317	223	72
8216	32	73	45	49	39	75	76
8225	3	0	9	1	4	14	17
8226	7	21	24	34	42	29	30
8241	53	51	79	99	90	55	73

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
8243	12	9	19	25	9	10	17
8244	2	1	2	0	3	1	0
8245	9	5	15	18	14	12	9
8250	17	8	5	9	11	6	10
8251	93	126	172	159	140	78	105
8252	10	4	9	25	19	12	11
8258	67	50	75	35	43	26	33
8261	19	48	35	29	25	25	21
8263	40	53	98	95	62	56	77
8264	5	7	15	13	9	5	14
8265	44	55	33	45	34	21	24
8267	10	14	9	6	3	1	1
8268	2	1	2	0	0	0	0
8269	8	14	10	9	1	7	4
8271	73	69	62	69	86	73	85
8273	11	26	19	34	55	12	15
8274	11	13	19	12	28	8	19
8276	17	21	24	33	13	8	3
8278	27	25	29	17	26	31	38
8282	1	0	0	0	0	0	0
8283	11	7	8	2	0	0	0
8284	62	41	37	29	74	31	56
8288	27	23	20	25	14	11	14
8289	52	67	66	31	43	38	39
8294	35	39	30	28	14	34	28

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
8295	48	108	53	46	57	62	50
8301	2	0	0	0	0	0	2
8302	6	28	142	57	219	136	91
8304	78	73	116	135	87	131	93
8305	352	220	277	299	387	307	360
8306	107	74	127	70	101	122	115
8307	7	42	37	13	3	20	25
8309	55	0	0	0	0	0	0
8317	2	0	0	0	1	64	253
8318	122	111	179	103	188	172	46
8319	686	575	865	826	806	706	620
8323	530	458	436	561	520	210	137
8324	8	0	0	0	0	0	0
8325	127	0	0	0	0	0	0
8326	80	113	67	94	137	46	46
8327	1463	1510	1357	1431	1815	1523	1372
8331	829	856	793	808	781	855	830
8332	273	258	262	231	372	338	364
8344	88	58	18	18	4	40	3
8345	830	925	1197	1118	1935	1031	921
8346	284	360	695	646	835	556	622
8351	382	267	345	316	594	452	408
8357	128	73	160	116	188	241	167
8375	357	149	215	221	393	304	284
8377	327	529	538	511	618	894	536

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
8379	121	171	157	170	276	227	78
8381	35	127	38	71	174	56	99
8402	42	51	44	39	33	39	15
8404	1166	1515	1654	1621	1386	1670	1264
8406	111	99	132	121	153	124	63
8407	25	23	5	14	25	17	4
8408	15	14	25	17	10	26	18
8409	31	28	8	36	24	9	1
8416	25	13	4	2	22	32	19
8425	231	227	213	158	135	166	139
8432	75	87	87	92	106	92	35
8433	19	7	0	10	17	14	1
8444	42	39	69	76	89	31	20
8445	37	39	9	11	26	7	0
8446	69	5	15	38	59	27	5
8452	103	85	113	57	63	39	39
8454	9	15	17	12	6	17	11
8463	37	44	23	15	33	38	4
8466	51	57	56	24	25	35	40
8472	4	7	2	5	7	2	7
8477	79	48	8	46	76	66	47
8478	100	68	55	24	33	21	16
8479	2	3	0	0	0	0	0
8482	122	175	165	177	225	203	129
8483	309	204	222	239	274	258	234

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
8485	126	79	93	168	103	84	36
8486	17	26	15	17	25	27	10
8489	35	40	48	57	37	40	25
8492	15	30	13	8	16	23	8
8493	12	20	16	22	21	18	2
8495	22	14	10	22	18	14	7
8496	1	3	1	3	4	10	7
8499	7	16	17	4	13	5	3
8501	164	175	151	197	201	175	130
8503	8	3	10	4	14	11	3
8505	6	4	0	4	4	5	6
8506	170	275	166	152	175	131	21
8507	29	21	0	0	0	0	0
8531	19	19	37	0	0	0	0
8541	17	21	33	21	26	23	19
8703	30	25	6	19	25	36	37
8707	108	95	55	102	98	96	118
8714	9	0	3	0	6	5	2
8732	11	8	4	4	16	14	12
8752	109	63	25	27	56	88	45
8753	45	13	13	12	18	14	4
8799	3	0	3	1	0	6	2
9107	10	5	0	3	0	7	5
9108	2	11	2	0	2	0	1
9116	15	11	19	21	7	21	10



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
9118	54	52	28	46	42	47	50
9119	7	20	0	8	0	0	0
9121	32	44	28	41	15	41	34
9122	15	16	14	15	11	8	3
9124	49	81	54	98	68	57	107
9125	50	29	28	78	81	58	68
9127	2	12	1	8	7	21	9
9128	2	2	2	1	4	7	3
9129	1	0	0	0	37	27	7
9132	1	4	1	6	5	5	3
9140	42	65	62	65	16	61	37
9141	11	30	23	36	38	21	33
9142	40	48	69	75	71	83	71
9143	2	10	1	8	17	25	1
9144	2	5	1	2	5	0	2
9145	49	90	81	92	102	92	75
9146	17	16	12	12	25	18	8
9147	13	5	10	12	12	9	4
9149	23	40	40	32	29	15	2
9151	111	82	112	106	122	92	74
9165	31	59	77	50	85	127	77
9166	15	20	20	22	0	0	0
9167	5	13	6	6	4	2	3
9168	11	6	25	0	0	0	0
9169	3	5	10	14	11	2	3

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
9180	63	30	16	14	8	0	0
9181	46	32	45	16	52	19	6
9183	70	69	63	67	67	37	42
9185	39	48	30	12	12	56	70
9197	2	0	2	0	0	0	1
9198	2	0	2	1	0	0	2
91A9	2	0	6	2	0	0	0
91M9	1	8	13	4	1	0	4
91R9	1	0	1	2	3	6	4
9201	50	68	60	115	93	77	85
9203	12	10	20	17	28	21	43
9204	3	6	15	13	3	6	9
9207	1	1	1	1	1	0	0
9211	12	8	10	27	22	8	10
9212	22	4	6	13	20	20	8
9213	1	1	2	1	3	2	0
9215	3	8	2	8	3	7	2
9216	12	8	17	22	27	10	19
9230	28	36	20	18	5	22	19
9231	1	6	4	1	0	0	0
9235	2	5	0	0	0	2	2
9250	33	32	14	24	21	12	15
9251	20	46	47	36	19	12	1
9253	1	2	12	11	0	0	0
9254	10	3	0	6	6	6	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
9255	11	10	14	15	12	0	6
9260	13	20	15	27	10	20	4
9261	7	11	18	53	19	14	2
9262	5	6	10	6	2	6	0
9264	3	10	8	2	10	7	0
9266	10	7	3	8	2	12	9
9268	25	18	28	23	36	26	8
9269	8	20	10	13	7	10	1
9270	16	16	19	9	8	6	6
9271	8	17	23	15	12	16	11
9275	5	4	5	5	8	5	4
9276	4	8	5	9	8	6	2
9277	5	6	5	5	4	4	2
9278	4	2	1	4	7	4	2
9280	11	15	26	37	29	20	29
9281	21	23	16	17	16	13	0
9282	21	11	17	9	8	13	7
9283	3	7	12	6	8	5	0
9284	11	13	27	22	16	8	2
9290	1	12	5	5	2	3	5
9291	3	1	2	5	4	2	3
9292	1	0	0	0	0	0	0
9293	13	8	24	10	19	17	8
9294	18	8	18	0	9	13	8
9295	16	16	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
9501	82	48	137	361	420	18	0
9502	3298	2938	3382	3609	4168	4556	4332
9505	31	55	30	17	39	34	39
9506	44	8	32	29	32	14	29
9507	5	3	6	16	12	7	12
9508	272	428	339	360	468	259	348
9511	28	39	120	161	80	30	13
9512	345	287	284	241	213	338	588
9513	1	0	4	20	20	71	31
9514	35	92	123	38	77	151	44
9515	46	5	11	39	31	42	20
9516	15	12	7	70	88	20	12
9518	19	62	35	98	70	57	43
9519	29	20	9	8	9	46	30
9521	61	62	72	118	131	368	375
9522	65	64	69	14	30	31	73
9523	2	3	5	11	4	8	12
9524	10	5	6	9	14	6	19
9526	11	35	9	15	88	193	210
9528	173	116	92	97	108	75	17
9531	1	10	27	73	36	1	0
9533	30	46	27	53	71	63	50
9535	7	26	17	1	1	0	0
9536	12	11	0	0	0	0	0
9538	5	11	6	4	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
9539	4	5	9	5	2	11	18
9541	6	1	0	3	1	6	21
9542	10	9	13	20	100	82	39
9545	3	15	7	1	3	1	3
9548	89	242	408	783	501	649	541
9555	122	0	0	0	0	0	0
9558	15	13	5	29	11	3	17
9559	26	10	20	8	14	12	10
9561	49	76	48	53	104	66	140
9562	2	1	1	1	1	0	3
9563	18	15	22	15	17	25	23
9565	8	7	0	0	0	0	0
9566	3	0	1	2	1	1	0
9574	5	0	3	0	0	0	0
9577	33	24	30	11	10	11	6
9578	10	17	9	0	5	6	5
9579	119	129	182	99	171	126	70
9580	1	2	155	173	92	44	50
9581	45	24	4	28	30	41	51
9583	28	31	30	21	41	31	42
9585	1390	1422	1212	1108	1513	1096	2021
9586	532	98	116	117	106	29	0
9588	687	709	706	970	1206	1390	1255
9589	652	712	550	195	258	251	97
9591	74	92	88	89	120	101	120

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
9593	651	537	871	339	897	1140	786
9594	114	69	196	0	0	0	0
9597	22	21	26	27	23	23	12
9598	6	6	2	2	9	1	10
9700	5789	5833	5708	5736	4540	2680	1694
9710	8855	9596	10219	9931	9721	10961	9703
9720	4947	6612	6505	6471	5886	5859	6070
9730	15	25	21	18	28	16	22
9740	571	952	1235	1165	1315	1127	890
9750	3727	5699	6763	6071	5211	6321	6651
9760	17124	20880	20866	18097	16232	17093	18958
9770	2190	3398	3462	2692	2479	3134	3140
9780	2132	3650	3705	3609	3077	1761	1207
9901	4356	4976	5320	4816	4540	4742	5043
0301	0	2	39	116	141	195	227
0331	0	7	21	26	28	65	20
0426	0	16	39	34	22	44	61
0475	0	4	11	2	4	4	3
0481	0	2	0	1	1	1	0
0409	0	1	2	0	2	2	31
0621	0	13	21	33	28	0	0
0991	0	4	30	44	95	59	64
1104	0	2	14	17	5	0	0
1107	0	3	5	18	19	18	15
1118	0	6	0	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1120	0	1	13	5	0	0	0
1155	0	1	13	7	16	8	2
1169	0	1	3	1	0	3	44
1299	0	1	0	1	0	0	0
1428	0	7	6	17	60	24	4
1445	0	1	69	131	151	152	156
1458	0	32	18	36	17	15	19
1485	0	25	18	38	3	6	0
14NL	0	1	0	0	94	0	0
1514	0	2	1	0	0	0	0
1519	0	1	0	0	0	0	0
1579	0	24	38	51	50	54	45
1580	0	10	7	7	25	77	58
1635	0	5	15	0	0	6	3
2762	0	1	0	0	0	0	0
3316	0	7	0	6	3	2	0
3323	0	7	17	18	22	30	29
3499	0	3	43	49	20	2	0
3811	0	1	5	7	8	7	2
3899	0	1	1	0	0	0	0
3903	0	15	14	44	12	46	46
3904	0	1	8	3	8	8	7
4120	0	2	98	114	121	132	137
4121	0	8	93	49	98	63	13
4122	0	25	25	37	38	17	5

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
4398	0	5	30	37	44	57	50
4505	0	2	37	192	332	219	187
4631	0	12	45	7	10	24	28
4632	0	7	25	22	28	1	16
4703	0	15	4	10	33	16	37
4728	0	1	1	7	6	12	10
4747	0	3	16	26	45	23	8
4776	0	11	10	1	18	33	25
4815	0	26	0	0	0	0	0
4899	0	2	0	0	0	0	0
48AN	0	9	0	0	0	0	0
48CE	0	7	0	0	0	0	0
48C1	0	3	0	0	0	0	0
48CT	0	7	0	0	0	0	0
48UD	0	1	0	0	0	0	0
48VJ	0	3	0	0	0	0	0
48VR	0	1	0	0	0	0	0
48VS	0	8	0	0	0	0	0
5699	0	4	3	2	13	4	1
5710	0	44	37	80	57	63	60
5799	0	9	3	1	10	0	0
5999	0	15	19	8	19	5	3
6099	0	2	6	0	0	0	0
6105	0	22	24	37	38	38	26
6599	0	2	1	2	28	8	3



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
6665	0	1	5	10	11	17	0
6681	0	5	8	10	25	29	14
6684	0	1	12	11	21	8	2
7107	0	1	2	0	0	0	0
7299	0	1	0	0	0	0	0
72H9	0	1	0	0	0	0	0
72S9	0	5	16	2	1	1	2
7399	0	1	4	0	0	5	13
7553	0	2	7	0	0	0	0
76H9	0	1	0	0	0	0	0
7918	0	3	0	2	4	4	0
7986	0	1	2	0	0	0	0
7999	0	11	52	13	0	0	0
8011	0	53	144	131	218	146	159
8149	0	1	0	0	3	1	0
8308	0	5	42	34	134	35	71
8374	0	1	4	8	11	10	19
8380	0	53	72	116	177	133	107
8451	0	47	137	55	94	133	77
8765	0	2	0	2	1	0	0
9109	0	30	16	21	6	10	19
9148	0	11	18	19	16	13	5
9150	0	3	1	1	3	0	0
9152	0	8	2	11	10	7	17
9119	0	5	24	9	6	6	5

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
9119	0	4	14	24	13	12	1
9208	0	1	1	2	0	1	2
9232	0	2	6	6	1	2	0
9233	0	1	5	2	1	0	1
9236	0	9	4	3	1	0	0
9267	0	2	5	0	9	5	0
9527	0	13	53	155	401	1171	955
9534	0	2	0	0	0	0	0
0492	0	0	2	0	1	3	2
0614	0	0	1	2	0	0	17
0624	0	0	6	1	1	0	12
0628	0	0	6	12	12	21	29
0893	0	0	2	50	46	65	57
0990	0	0	7	7	6	15	3
1103	0	0	4	19	0	0	0
1114	0	0	2	18	8	4	1
1116	0	0	4	5	23	11	4
1121	0	0	6	5	0	0	0
1130	0	0	5	5	34	6	1
1142	0	0	2	3	4	12	13
1183	0	0	1	0	5	5	6
1452	0	0	1	9	41	22	29
1505	0	0	2	2	0	0	0
1509	0	0	3	9	6	6	12
1743	0	0	2	0	2	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
2299	0	0	7	1	0	0	0
2707	0	0	11	6	2	7	18
2747	0	0	2	4	4	4	3
2750	0	0	9	9	15	17	21
3199	0	0	3	3	1	0	0
3802	0	0	1	1	0	0	0
4221	0	0	10	10	26	46	88
4331	0	0	1	7	7	36	25
4381	0	0	41	28	67	65	62
4382	0	0	16	19	44	16	7
4621	0	0	11	13	33	83	87
4727	0	0	7	25	29	34	54
4734	0	0	27	40	31	33	29
4921	0	0	11	6	11	40	59
4941	0	0	11	4	15	33	47
5199	0	0	1	1	1	1	10
5599	0	0	1	0	2	0	2
6199	0	0	3	0	1	0	1
6638	0	0	3	6	5	5	5
6677	0	0	1	9	6	7	9
6686	0	0	1	0	8	4	6
6691	0	0	4	16	8	7	3
6694	0	0	3	0	0	0	0
7129	0	0	2	13	21	15	8
7916	0	0	4	0	0	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
8303	0	0	1	1	1	94	93
8342	0	0	95	12	408	696	575
9123	0	0	30	36	29	42	52
9155	0	0	2	0	1	0	3
9199	0	0	5	0	0	0	0
9209	0	0	6	4	2	6	6
0163	0	0	0	2	1	3	0
0619	0	0	0	1	0	8	125
0626	0	0	0	12	10	0	34
0627	0	0	0	3	1	0	0
1112	0	0	0	8	1	2	23
1115	0	0	0	5	10	5	2
1124	0	0	0	1	0	0	16
1151	0	0	0	1	4	3	7
1446	0	0	0	2	159	284	296
1491	0	0	0	6	47	16	8
23EJ	0	0	0	1	335	370	242
2753	0	0	0	2	3	1	3
3804	0	0	0	1	2	0	0
3807	0	0	0	8	2	0	1
3905	0	0	0	1	2	21	20
4296	0	0	0	14	21	26	36
4671	0	0	0	18	28	15	23
4749	0	0	0	1	24	41	29
6602	0	0	0	1	0	8	14

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
6640	0	0	0	21	49	4	3
6660	0	0	0	1	4	5	8
6805	0	0	0	7	0	0	0
70H9	0	0	0	1	0	0	0
7223	0	0	0	9	15	9	10
7968	0	0	0	2	4	10	0
8205	0	0	0	1	0	0	0
9214	0	0	0	1	2	0	0
9234	0	0	0	1	0	0	0
9240	0	0	0	1	0	2	4
0440	0	0	0	0	3	6	6
0812	0	0	0	0	3	168	353
1200	0	0	0	0	9	7	20
14EA	0	0	0	0	108	9	0
14EC	0	0	0	0	113	1	0
14ED	0	0	0	0	51	0	0
14EF	0	0	0	0	75	0	0
14EG	0	0	0	0	1	0	0
14EH	0	0	0	0	6	0	0
14EJ	0	0	0	0	26	0	1
14EK	0	0	0	0	1	0	0
14EL	0	0	0	0	6	0	0
14EP	0	0	0	0	51	0	0
14EQ	0	0	0	0	1	0	0
14ER	0	0	0	0	15	0	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
14ET	0	0	0	0	92	0	0
14EU	0	0	0	0	12	0	0
14EV	0	0	0	0	51	0	0
14EW	0	0	0	0	16	1	0
14EY	0	0	0	0	25	0	0
14EZ	0	0	0	0	8	0	0
14FB	0	0	0	0	7	0	0
14FC	0	0	0	0	86	0	0
14FD	0	0	0	0	27	1	0
14FE	0	0	0	0	44	0	0
14FG	0	0	0	0	5	0	0
14FH	0	0	0	0	12	0	0
14FJ	0	0	0	0	42	0	0
14FL	0	0	0	0	1	0	0
14FM	0	0	0	0	28	0	0
14FN	0	0	0	0	14	0	0
14FP	0	0	0	0	50	0	0
14FQ	0	0	0	0	105	0	0
14FS	0	0	0	0	4	0	0
14NA	0	0	0	0	5	0	0
14NB	0	0	0	0	21	0	0
14ND	0	0	0	0	47	0	0
14NE	0	0	0	0	38	0	0
14NF	0	0	0	0	88	0	0
14NG	0	0	0	0	118	1	0

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
14NH	0	0	0	0	131	1	0
14NJ	0	0	0	0	60	3	0
14NK	0	0	0	0	69	0	0
14NQ	0	0	0	0	14	0	0
14NR	0	0	0	0	1	0	0
14NS	0	0	0	0	3	0	0
14PA	0	0	0	0	13	5	0
14PB	0	0	0	0	24	50	5
14PC	0	0	0	0	122	10	6
14PD	0	0	0	0	13	0	0
14PE	0	0	0	0	143	0	0
14PF	0	0	0	0	5	0	0
14PH	0	0	0	0	6	0	0
14PK	0	0	0	0	12	0	0
1508	0	0	0	0	1	0	51
1578	0	0	0	0	19	34	18
1751	0	0	0	0	8	20	3
23CA	0	0	0	0	209	0	0
23CD	0	0	0	0	50	29	10
23CF	0	0	0	0	68	48	42
23CH	0	0	0	0	127	89	30
23CK	0	0	0	0	25	30	28
23CL	0	0	0	0	122	72	20
23CQ	0	0	0	0	210	216	101
23CR	0	0	0	0	16	32	36

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
23CS	0	0	0	0	4	4	20
23CT	0	0	0	0	4	3	2
23EA	0	0	0	0	266	246	155
23EB	0	0	0	0	127	88	94
23EC	0	0	0	0	330	288	115
23EG	0	0	0	0	6	12	24
23MA	0	0	0	0	70	67	21
23MB	0	0	0	0	3	1	0
23MC	0	0	0	0	120	113	37
23MF	0	0	0	0	61	28	43
23MG	0	0	0	0	154	150	97
23MH	0	0	0	0	78	0	0
23MK	0	0	0	0	49	26	61
23ML	0	0	0	0	1	1	0
23MP	0	0	0	0	55	45	43
23MZ	0	0	0	0	361	398	244
23NA	0	0	0	0	97	109	67
23NB	0	0	0	0	274	396	241
23TA	0	0	0	0	36	50	58
23TB	0	0	0	0	17	27	19
23TC	0	0	0	0	11	11	11
4507	0	0	0	0	53	26	15
4672	0	0	0	0	50	25	20
4704	0	0	0	0	19	1	3
5331	0	0	0	0	1	20	52



TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
5601	0	0	0	0	19	2	3
6420	0	0	0	0	10	39	25
6424	0	0	0	0	1	5	13
7147	0	0	0	0	4	17	58
7184	0	0	0	0	6	5	8
7197	0	0	0	0	4	3	8
7873	0	0	0	0	2	18	27
7969	0	0	0	0	20	52	47
8275	0	0	0	0	1	0	80
8310	0	0	0	0	142	55	70
8376	0	0	0	0	43	80	156
8705	0	0	0	0	7	0	0
9184	0	0	0	0	38	5	8
9252	0	0	0	0	11	25	2
9256	0	0	0	0	17	0	1
9265	0	0	0	0	1	2	0
9273	0	0	0	0	1	0	4
9274	0	0	0	0	1	1	1
9503	0	0	0	0	1	9	6
9509	0	0	0	0	43	32	30
0322	0	0	0	0	0	15	26
0332	0	0	0	0	0	3	11
0436	0	0	0	0	0	3	12
0441	0	0	0	0	0	3	7
0720	0	0	0	0	0	18	30

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
0875	0	0	0	0	0	1	26
1162	0	0	0	0	0	13	4
1176	0	0	0	0	0	1	9
1182	0	0	0	0	0	3	34
1203	0	0	0	0	0	30	13
1418	0	0	0	0	0	35	16
1469	0	0	0	0	0	1	2
14AA	0	0	0	0	0	98	60
14AB	0	0	0	0	0	43	25
14AC	0	0	0	0	0	2	5
14AD	0	0	0	0	0	44	18
14AE	0	0	0	0	0	13	11
14BA	0	0	0	0	0	2	8
14BD	0	0	0	0	0	2	7
14BE	0	0	0	0	0	2	5
14CA	0	0	0	0	0	71	17
14CB	0	0	0	0	0	14	8
14CC	0	0	0	0	0	5	0
14CD	0	0	0	0	0	62	23
14CE	0	0	0	0	0	42	12
14CF	0	0	0	0	0	9	8
14CG	0	0	0	0	0	6	13
14CH	0	0	0	0	0	4	0
14CJ	0	0	0	0	0	15	12
14CK	0	0	0	0	0	2	6

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
14CL	0	0	0	0	0	10	2
14CM	0	0	0	0	0	6	2
14DA	0	0	0	0	0	23	29
14DB	0	0	0	0	0	53	49
14DC	0	0	0	0	0	15	6
14DD	0	0	0	0	0	52	10
14DE	0	0	0	0	0	53	15
14DH	0	0	0	0	0	1	0
14FA	0	0	0	0	0	24	14
14HA	0	0	0	0	0	42	43
14HB	0	0	0	0	0	42	30
14HC	0	0	0	0	0	5	5
14HD	0	0	0	0	0	39	14
14HE	0	0	0	0	0	11	5
14HF	0	0	0	0	0	25	13
14HG	0	0	0	0	0	2	7
14QA	0	0	0	0	0	4	0
14QB	0	0	0	0	0	61	8
14QC	0	0	0	0	0	52	29
14QD	0	0	0	0	0	3	5
14RA	0	0	0	0	0	3	0
14RB	0	0	0	0	0	69	15
14RC	0	0	0	0	0	47	52
14RD	0	0	0	0	0	10	9
14SA	0	0	0	0	0	19	12

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
14SB	0	0	0	0	0	18	8
14SC	0	0	0	0	0	2	3
14SD	0	0	0	0	0	3	6
14SE	0	0	0	0	0	81	16
14SF	0	0	0	0	0	70	55
14TA	0	0	0	0	0	2	7
14TB	0	0	0	0	0	3	5
14TG	0	0	0	0	0	4	23
14ZA	0	0	0	0	0	115	56
14ZG	0	0	0	0	0	52	15
14ZH	0	0	0	0	0	67	52
14ZJ	0	0	0	0	0	91	43
14ZK	0	0	0	0	0	31	66
14ZL	0	0	0	0	0	44	55
14ZM	0	0	0	0	0	31	46
1664	0	0	0	0	0	144	167
1735	0	0	0	0	0	7	8
1820	0	0	0	0	0	1	16
2363	0	0	0	0	0	15	31
23CJ	0	0	0	0	0	8	16
23CN	0	0	0	0	0	1	1
23ED	0	0	0	0	0	129	211
24FH	0	0	0	0	0	1	0
23EK	0	0	0	0	0	2	3
23EQ	0	0	0	0	0	1	1

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
23ME	0	0	0	0	0	5	51
23MJ	0	0	0	0	0	2	2
23MQ	0	0	0	0	0	1	7
2705	0	0	0	0	0	6	8
3815	0	0	0	0	0	56	3
6423	0	0	0	0	0	2	14
6426	0	0	0	0	0	1	1
8300	0	0	0	0	0	1	2
9154	0	0	0	0	0	24	11
9242	0	0	0	0	0	1	1
9296	0	0	0	0	0	3	44
9504	0	0	0	0	0	80	41
9571	0	0	0	0	0	1	2
9575	0	0	0	0	0	25	161
0311	0	0	0	0	0	0	50
0333	0	0	0	0	0	0	4
0403	0	0	0	0	0	0	11
0404	0	0	0	0	0	0	22
0472	0	0	0	0	0	0	4
0629	0	0	0	0	0	0	2
06A9	0	0	0	0	0	0	4
06M9	0	0	0	0	0	0	8
0981	0	0	0	0	0	0	14
1117	0	0	0	0	0	0	5
1129	0	0	0	0	0	0	15

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
1134	0	0	0	0	0	0	10
1167	0	0	0	0	0	0	8
1109	0	0	0	0	0	0	16
1424	0	0	0	0	0	0	20
1439	0	0	0	0	0	0	1
14BB	0	0	0	0	0	0	2
14CN	0	0	0	0	0	0	1
14DL	0	0	0	0	0	0	1
14HJ	0	0	0	0	0	0	1
14TC	0	0	0	0	0	0	10
14TF	0	0	0	0	0	0	5
14TH	0	0	0	0	0	0	2
14TJ	0	0	0	0	0	0	1
14ZB	0	0	0	0	0	0	3
14ZP	0	0	0	0	0	0	3
1507	0	0	0	0	0	0	20
1647	0	0	0	0	0	0	23
230G	0	0	0	0	0	0	7
3601	0	0	0	0	0	0	21
3799	0	0	0	0	0	0	2
4355	0	0	0	0	0	0	33
4366	0	0	0	0	0	0	15
4673	0	0	0	0	0	0	21
4706	0	0	0	0	0	0	3
4712	0	0	0	0	0	0	5

TABLE A-3 (CONTINUED)

NEC	1979	1980	1981	1982	1983	1984	1985
5299	0	0	0	0	0	0	5
5323	0	0	0	0	0	0	4
6429	0	0	0	0	0	0	5
6650	0	0	0	0	0	0	5
6658	0	0	0	0	0	0	8
6670	0	0	0	0	0	0	1
6687	0	0	0	0	0	0	2
6688	0	0	0	0	0	0	5
8333	0	0	0	0	0	0	10
9153	0	0	0	0	0	0	19
9190	0	0	0	0	0	0	79
9243	0	0	0	0	0	0	1
9272	0	0	0	0	0	0	1
9537	0	0	0	0	0	0	2
9543	0	0	0	0	0	0	2
TOTAL	113213	119183	125573	120650	130833	128309	120438

Note: Although the following NECs were not awarded in fiscal year 1985, they still appear in the October 1985 NEC manual.

0163, 0424, 0719, 0873, 1108, 1109, 1150, 1193, 1478, 1483, 1484, 1485, 149A, 1666, 1743, 2335, 23CA, 2704, 3314, 3316, 3335, 3343, 3344, 3349, 3802, 3804, 4531, 4701, 4713, 5322, 5341, 5346, 6623, 6624, 6626, 6644, 6665, 6666, 6667, 7107, 7553, 7918, 7935, 7983, 8149, 8202, 8244, 8445, 8765, 9150, 9207, 9213, 9214, 9231, 9232, 9234, 9236, 9253, 9254, 9264, 9265, 9267, 9281, 9283, 9292, 9501 and 9566.

Note: NECs 0314, 0458, 0484, 0487, 1462, 1512, 2512, 3361 and 7534 have been deleted.

Note: NECs 2828 and 7354 may have been deleted.

TABLE A-4

NAVY ENLISTED CLASSIFICATION (NEC) CODES IN OCTOBER 1985

NEC SEQUENCE CODE	TITLE	RATINGS
BM 0107 6	MINESWEEPING BOATSWAIN'S MATE	BM CM
BM 0108 4	NON-DIVING SALVAGE/TOWING OPERATOR	BM HT
BM 0114 5	STEVEDORE	BM BU CM EO SK
BM 0161 4	TUGMASTER	BM CM SM
BM 0162 5	YARD CRAFT BOAT CAPTAIN/CRAFTMASTER	BM CM SM
BM 0163 5	MINESWEEPER BOAT CAPTAIN	BM CM SM
BM 0164 7	ASSAULT BOAT COXSWAIN	BM CM
BM 0165 4	LANDING CRAFT UTILITY CAPTAIN	BM CM SM
BM 0166 4	CAUSEWAY BARGE FERRY PILOT	BM CM SM
BM 0167 5	LCAC OPERATOR	BM CM SM
QM 0207 4	LCAC RADAR OPERATOR/NAVIGATOR	QM OS
QM 0215 4	HARBOR/DOCKING PILOT	QM BM SM
AM 0216 4	HARBOR/DOCKING PILOT TRAINEE	QM BM SM
OS 0301 4	FFG-7/FFG-36 CLASS SUBSYSTEM COMPONENT1 SPECIALIST	OS FT
OS 0311 4	AEGIS CG-47 CLASS OPERATIONS SPECIALIST	OS FT
OS 0312 4	OJ-194 CONSOLE OPERATOR	OS FT
OS 0313 5	AIR INTERCEPT CONTROLLER	OS
OS 0315 4	MINE COUNTERMEASURE AIR CONTROLLER	OS
OS 0316 4	ANTISUBMARINE AIR CONTROLLER	OS
OS 0317 4	NTDS-INPUT/UTILIZATION DISPLAY EQUIPMENT OPERATOR	OS AC CTT CTR
OS 0318 4	NTDS AIR INTERCEPT CONTROLLER	OS
OS 0319 3	SUPERVISORY NTDS AIR INTERCEPT CONTROLLER	OS
OS 0321 4	NTDS ANTISUBMARINE AIR CONTROLLER	OS
OS 0322 2	LAMPS MK III AIR TACTICAL CONTROL OPERATOR	OS
OS 0331 5	ASWOC OPERATOR	OS AM
OS 0332 4	TOMAHAWK WEAPON SYSTEM (SURFACE) OPERATOR	OS
OS 0333 5	FHLT OPERATOR	OS
OS 0341 6	NAVAL WARFARE OPERATIONS SPECIALIST	OS
ST 0402 2	FFG-7 CLASS SONAR SUBSYSTEM TECHNICIAN	STG
ST 0403 2	SQQ-28(V) SONAR SUBSYSTEM LEVEL I TECHNICIAN	STG
ST 0404 2	SQQ-28(V) SONAR SUBSYSTEM LEVEL II TECHNICIAN	STG
ST 0408 6	UNDERWATER OBJECT LOCATOR (SQQ-14) REPAIRMAN AND OPERATOR	STG
ST 0412 2	BQQ-5/5 ( ) SUBMARINE SONAR BASIC MAINTENANCE TECHNICIAN	STS
ST 0416 2	ACOUSTIC INTELLIGENCE SPECIALIST	STS STG OT
ST 0421 2	SUBMARINE SPECIAL PURPOSE ACOUSTIC EQUIPMENT MAINTENANCE TECHNICIAN	STS
ST 0422 2	(SERIES) SUBMARINE SONAR ADVANCED MAINTENANCE TECHNICIAN	STS
ST 0424 2	SSN INTEGRATED SUBMARINE SONAR SYSTEM TECHNICIAN	STS
ST 0426 2	BQQ-6 SONAR EQUIPMENT MAINTENANCE TECHNICIAN	STS
ST 0427 3	SUBMARINE SONAR SYSTEM OA-1283 MAINTENANCE TECHNICIAN	STS
ST 0428 3	SSBN/PRE-594 CLASS SSN SONAR TECHNICIAN	STS
ST 0431 3	UNDERWATER FIRE CONTROL MK 111 ASROC TECHNICIAN	STG
ST 0434 3	UNDERWATER FIRE CONTROL MK 114 ASROC TECHNICIAN	STG
ST 0435 3	UNDERWATER FIRE CONTROL MK 114 MOD 9 TERRIER/ASROC TECHNICIAN	STG



TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
ST 0436 3	UNDERWATER FIRE CONTROL MK 116 MOD 4 TECHNICIAN	STG
ST 0437 3	UNDERWATER FIRE CONTROL MK 116 ASROC TECHNICIAN	STG
ST 0438 3	UNDERWATER FIRE CONTROL MK 116 MOD 1 TECHNICIAN	STG
ST 0440 2	SONAR S PERVISOR	STG
ST 0441 4	SQR-17/18-A SERIES SONAR SYSTEM OPERATOR	ST
ST 0443 4	SQR-17A(V) SERIES OPERATOR/MAINTENANCE TECHNICIAN	ST
ST 0444 4	SQR-17A(V)2/18A SERIES SONAR SYSTEM OPERATOR	ST
ST 0445 4	SURFACE ACOUSTIC ANALYST	STG
ST 0446 4	ACOUSTIC PROCESSOR (SQS-54) TECHNICIAN	STG
ST 0447 4	ACOUSTIC PROCESSOR (SQS-17) TECHNICIAN	STG
ST 0448 4	SQR-17(V)1/3 OPERATOR	ST
ST 0449 2	SQR-18 SONAR SYSTEM MAINTENANCE TECHNICIAN	STG
ST 0452 3	SURFACE SONAR (SQS-26BX) (EDO) TECHNICIAN	STG
ST 0454 3	SURFACE SONAR (SQS-26CX) TECHNICIAN	STG
ST 0456 4	SURFACE SONAR (SQS-35 1VDS) (SQA-13 HOIST) TECHNICIAN	STG
ST 0457 3	SURFACE SONAR (SQS-53) TECHNICIAN	STG
ST 0459 3	SURFACE SONAR (SQS-23 PAIR) TECHNICIAN	STG
ST 0472 3	SURFACE SONAR ASW FIRE CONTROL MK 116 MOD 4 (SQS-53A) SYSTEM TECH	STG
ST 0473 2	SURFACE SONAR/ASW FIRE CONTROL MK 116 MOD 1 (SQS-53) TECHNICIAN	STG
ST 0474 2	SURFACE SONAR/ASW FIRE CONTROL MK 116 MOD 1 ASROC (SQS-53) TECH	STG
ST 0475 2	SURFACE SONAR/ASW FIRE CONTROL MK 111 ASROC (SQQ-23) TECHNICIAN	STG
ST 0477 2	SURFACE SONAR/ASW FIRE CONTROL MK 114 ASROC (SQQ-23) TECHNICIAN	STG
ST 0482 2	SURFACE SONAR/ASW FIRE CONTROL MK 114 ASROC (SQS-26BX) TECHNICIAN	STG
ST 0483 2	SURFACE SONAR/ASW FIRE CONTROL MK 114 ASROC (SQS-26CX) TECHNICIAN	STG
ST 0492 2	SURF SONAR/ASW FIRE CONTROL MK 114 MOD9 TERRIER/ASROC (SQS-26BX) TECH	STG
OTA 0612 5	TDP DISPLAYS ANALYST	OT
OTA 0613 4	TASS ANALYST	OT
OTA 0614 4	SURTASS ANALYST	OT
OTA 0619 2	IUSS ACOUSTIC ANALYST	OT
OTM 0623 5	TASS MAINTENANCE TECHNICIAN	OT
OTM 0624 5	SURTASS MAINTENANCE TECHNICIAN	OT
OTM 0626 4	OCEAN SYSTEMS ADP MAINTENANCE TECHNICIAN	OT
OTM 0628 4	OCEAN SYSTEMS COMMUNICATIONS MAINTENANCE TECHNICIAN	OT
OTM 0629 3	TDP MAINTENANCE TECHNICIAN	OT
TM 0718 3	ASROC MISSILE ASSEMBLYMAN	TM
TM 0719 2	SUBROC MISSILE TECHNICIAN	TM
TM 0720 5	TOMAHAWK CRUISE MISSILE WARHEADING TECHNICIAN (SUBMARINE)	TM
TM 0721 3	SUBROC MISSILE ASSEMBLYMAN	TM
TM 0746 3	ADVANCED UNDERSEA MK 46 MAINTENANCE WEAPONSMAN	TM
TM 0747 2	ADVANCED UNDERSEA MK 46 TEST EQUIPMENT WEAPONSMAN	TM
TM 0748 3	ADVANCED UNDERSEA MK 48 WEAPONSMAN	TM
TM 0749 2	ADVANCED UNDERSEA MK 48 TEST EQUIPMENT WEAPONSMAN	TM
TM 0771 4	NUCLEAR DEPTH BOMB TECHNICIAN	TM
GM 0812 8	SMALL ARMS MARKSMANSHIP INSTRUCTOR	GM
GM 0871 6	3"/50 RAPID FIRE MOUNT (SINGLE OR TWIN) MAINTENANCEMAN	GM
GM 0872 6	5"/38 DUAL PURPOSE MOUNT (SINGLE OR TWIN) MAINTENANCEMAN	GM
GM 0873 4	5"/54 MOUNT MK 42 MAINTENANCEMAN	GM
GM 0875 4	16"/50 TURRET MAINTENANCEMAN	GM

TABLE A-4 (CONTINUED)

NEC CODE	SEQUENCE CODE	TITLE	RATINGS
GM	0876	4 5"/54 MOUNT MK 42 MOD 9/10 MAINTENANCEMAN	GM GMG GMM
GM	0877	3 5"54 MOUNT MK 45 MOD 0 MAINTENANCEMAN	GM GMG GMM
GM	0878	3 OTO MELARA 76 MM/62 CALIBER GUN MOUNT MK 75 MODS 0/1 MAINTENANCEMAN	GM GMG GMM
GM	0891	5 ASROC LAUNCHING GROUP MK 16 MAINTENANCEMAN	GM GMG GMM
GM	0893	5 ASROC WEAPONS HANDLING SYSTEM MAINTENANCEMAN	GM GMG GMM
GM	0926	6 WARHEAD MAINTENANCE SPECIALIST	GMT
GM	0981	4 MK-41 VERTICAL LAUNCHING SYSTEM MAINTENANCE TECHNICIAN	GM GMG GMM
GM	0986	4 TERRIER MISSILE AND GMLS MK 4/10 MAINTENANCE TECHNICIAN	GM GMG GMM
GM	0987	4 TARTER MISSILE AND GMLS MK 11 MAINTENANCE TECHNICIAN	GM GMG GMM
GM	0988	4 TARTER MISSILE AND GMLS MK 13/22 MAINTENANCE TECHNICIAN	GM GMG GMM
GM	0989	4 GUIDED MISSILE LAUNCHING SYSTEM MK 26 MODS 0, 1 AND 2 MAINT. TECH.	GM GMG GMM
GM	0990	4 GUIDED MISSILE LAUNCHING SYSTEM MK 26 APPRENTICE MAINT. TECHNICIAN	GM GMG GMM
GM	0991	4 GUIDED MISSILE LAUNCHING SYSTEM MK 13 MOD 4/MK 22 MOD 1 MAINT. TECH	GM GMG GMM
FC	1102	3 M 92 FIRE CONTROL SYSTEM TECHNICIAN	FC
FC	1106	3 AEGIS WEAPONS SYSTEMS TECHNICIAN	FC
FC	1107	3 AEGIS RADAR SYSTEM (SPY-1A) TECHNICIAN	FC
FC	1108	3 AEGIS WEAPON SYSTEM MK-7 TECHNICIAN	FC
FC	1109	2 TERRIER MISSILE FIRE CONTROL SYSTEM MK 76 MOD 6, 7 AND 8 TECHNICIAN	FC
FC	1111	4 HARPOON WEAPON SYSTEM MAINTENANCE TECHNICIAN	FC
FC	1112	3 TOMAHAWK WEAPON SYSTEM (SURFACE) TECHNICIAN	FC
FC	1113	3 TARTAR WDS MK 4 TECHNICIAN	FC
FC	1114	3 AEGIS COMBAT SYSTEM COMPUTER SYSTEM MAINTENANCE TECHNICIAN	FC
FC	1115	3 AEGIS COMBAT SYSTEM DISPLAY MAINTENANCE TECHNICIAN	FC
FC	1116	3 TERRIER WDS MK 14/SYR-1 CTS TECHNICIAN	FC
FC	1117	3 TARTAR WDS MK 14 MOD 4/CTS SYR-1 TECHNICIAN	FC
FC	1123	6 AGFCS MK 37 TECHNICIAN	FC
FC	1124	3 AGFCS MK 86 MOD 3/4/5 DATA TECHNICIAN	FC
FC	1125	3 AGFCS MK 86 MOD 3/4 SYSTEM TECHNICIAN	FC
FC	1126	5 AGFCS MK 56 TECHNICIAN	FC
FC	1127	3 AGFCS MK 15 MOD 0 (PHALANX) TECHNICIAN	FC
FC	1128	3 AGFCS MK 86 RADAR TECHNICIAN	FC
FC	1129	3 AGFCS MK 86 MOD 8/9/10 SYSTEM TECHNICIAN	FC
FC	1130	3 AGFCS MK 86 MOD 5/8/9/10 SYSTEM TECHNICIAN	FC
FC	1131	2 GFCS MK 68 TECHNICIAN/SUPERVISOR	FC
FC	1132	3 GFCS MK 68 (SPG-53F) RADAR TECHNICIAN	FC
FC	1133	3 GFCS MK 68/MK 47 MOD 8/11 DIF COMPUTER TECHNICIAN	FC
FC	1134	3 GFCS MK 38 TECHNICIAN	FC
FC	1135	3 SEARCH RADAR TECHNICIANS	FC
FC	1136	3 SEARCH RADAR (SPS-39, 39A OR 42) TECHNICIAN	FC
FC	1137	3 SEARCH RADAR (SPS-52) TECHNICIAN	FC
FC	1138	3 SPS-48C FIRE CONTROL TECHNICIAN	FC
FC	1142	3 SEARCH RADAR (SPS-52C) TECHNICIAN	FC
FC	1146	3 BASIC POINT DEFENSE SMS TECHNICIAN	FC
FC	1147	3 NATO SEASPARROW SURFACE MISSILE SYSTEM MK 57 MOD 2, 3	FC
FC	1148	3 NATO SEASPARROW SURFACE MISSILE SYSTEM MK-57 TECHNICIAN	FC
FC	1149	3 IMPROVED PT DEFENSE TARGET ACQUISITION SYSTEM MK 23 (IPD/TAS) TECH	FC
FC	1150	2 GFCS MK 68 MOD 16 SYSTEM TECHNICIAN/SUPERVISOR	FC
FC	1151	3 GFCS MK 68 MOD 16/MK 160 MOD 1 GUN COMPUTING SYSTEM TECHNICIAN	FC

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
FC 1152 3	DESTROYER GUNFIRE CONTROL SYSTEMS GFCS MK 56 AND MK 68 TECHNICIAN	FC
FC 1153 2	TARTAR MK 74 (DIGITAL UPDATE) WEAPONS CONTROL SYSTEM TECHNICIAN	FC
FC 1154 2	TARTAR WEAPONS SYSTEM TECHNICIAN	FC
FC 1155 2	TERRIER MISSILE FIRE CONTROL SYSTEM MK 76 MOD 9 TECHNICIAN	FC
FC 1157 3	IMPROVED POINT DEFENSE SURFACE MISSILE SYSTEM TECHNICIAN	FC
FC 1158 2	TARTAR MISSILE FIRE CONTROL SYSTEM (MK 74 MOD 14) TECHNICIAN	FC
FC 1162 3	FIRE CONTROL RADAR (SPD-51C (WITH RADAR DATA PROCESSOR)) TECHNICIAN	FC
FC 1163 3	SPG-55B FIRE CONTROL RADAR TECHNICIAN (MFCS MK 76 MOD 8/9)	FC
FC 1166 3	RADAR (SPG-51C) (DIGITAL UPDATE) TECHNICIAN	FC
FC 1167 3	TARTAR FIRE CONTROL RADAR (MFCS MK 74 MOD 14 W/RDP) TECHNICIAN	FC
FC 1168 3	RADAR (SPG-51D) TECHNICIAN	FC
FT 1175 2	UNDERWATER FIRE CONTROL MK-118 ADVANCED MAINTENANCE TECHNICIAN	FTG DS
FT 1176 2	UNDERWATER FIRE CONTROL SYSTEM MK-117 ADVANCED MAINTENANCE TECH	FTG DS
FT 1181 2	UNDERWATER FIRE CONTROL SYSTEM MK 117 MODS 0, 1, 2, 3 TECHNICIAN	FTG
FT 1182 2	UNDERWATER FIRE CONTROL SYSTEM MK 117/CCS MK 1 CONVERSION TECHNICIAN	FT
FC 1183 3	TARTAR WDS MK 13 MOD 4 COMPUTER COMPLEX TECHNICIAN	FC
FC 1188 3	TARTAR FIRE CONTROL COMPUTER MK 152 COMPLEX TECHNICIAN	FC
FC 1189 3	TERRIER FIRE CONTROL COMPUTER MK 152 COMPLEX TECHNICIAN	FC
FT 1191 2	TRIDENT DEFENSIVE WEPS SUBSYS/COMMAND SUBSYS OP AND MAINT TECHNICIAN	FTG
FT 1193 2	UNDERWATER FIRE CONTROL SYSTEM MK 113 MOD 6/8 TECHNICIAN	FTG
FT 1195 3	UNDERWATER FIRE CONTROL SYSTEM MK 101 MODS 17, 18, 19, AND 20 TECH	FTG
FT 1196 2	UNDERWATER FIRE CONTROL SYSTEM MK 113 MOD 9 TECHNICIAN	FTG
FT 1197 2	UNDERWATER FIRE CONTROL SYSTEM MK 113 MOD 10 TECHNICIAN	FTG
MN 1200 4	ADVANCED SUPERVISORY MINEMAN TECHNICIAN	MN
MN 1201 4	MINE TEST SET MAINTENANCEMAN	MN
MN 1202 4	CAPTOR MK 60 MOD 0 WEAPONS SYSTEM TECHNICIAN	MN
MN 1203 4	SUBMARINE LAUNCHED MOBILE MINE EX-67 MOD 0 TECHNICIAN	MN
ET 1403 5	COMMUNICATIONS EQUIPMENT (FRT-83/84/85) TECHNICIAN	ET
ET 1412 3	SPECIAL FIXED COMMUNICATIONS MAINTENANCE TECHNICIAN	ET
ET 1413 4	METEOROLOGICAL/OCEANOGRAPHIC EQUIPMENT MAINTENANCE TECHNICIAN	ET
ET 1414 5	SHORE COMMUNICATIONS MAINTENANCE TECHNICIAN	ET CTM
ET 1417 4	ASCOM/TSC COMMUNICATIONS SYSTEM TECHNICIAN	ET CTM
ET 1418 4	DIGITAL MICROWAVE TECHNICIAN	ET CTM
ET 1420 3	COMMUNICATIONS EQUIPMENT (URT-23 (V)) TECHNICIAN	ET
ET 1422 6	COMMUNICATIONS EQUIPMENT (UCC-1) TECHNICIAN	ET
ET 1423 7	COMMUNICATIONS EQUIPMENT (SRC-20/21 AND URC-9) UHF TECHNICIAN	ET
ET 1424 4	COMMUNICATIONS EQUIPMENT (SQR-4) TECHNICIAN	ET
ET 1425 4	COMMUNICATIONS EQUIPMENT (WSC-3) TECHNICIAN	ET
ET 1427 4	COMMUNICATIONS EQUIPMENT (TACTICAL DATA SYSTEMS) TECHNICIAN	ET
ET 1428 3	FFG-7 CLASS COMMUNICATIONS ELECTRONICS SUBSYSTEM TECHNICIAN	ET
ET 1431 2	COMMUNICATION SECURITY DEVICES EQUIPMENT (KY-8) TECHNICIAN	ET CTM RM(SS)
ET 1432 2	COMMUNICATION SECURITY DEVICES EQUIPMENT (KW-37T) TECHNICIAN	ET CTM
ET 1434 5	COMMUNICATION SECURITY DEVICES EQUIPMENT (KG-13) TECHNICIAN	ET CTM
ET 1435 2	COMMUNICATION SECURITY DEVICES EQUIPMENT (KW-37R, KW-7) TECHNICIAN	ET RM(SS) CTM
ET 1436 2	COMMUNICATION SECURITY DEVICES EQUIPMENT (KW-14, KW-37R) TECHNICIAN	ET CTM RM(SS)
ET 1437 3	COMMUNICATION SECURITY DEVICES EQUIPMENT (KW-37R) TECHNICIAN	ET CTM RM(SS)
ET 1438 3	COMMUNICATION SECURITY DEVICES EQUIPMENT (KW-7) TECHNICIAN	ET RM(SS) CTM AT

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
ET 1439 3	SECURE VOICE MAINTENANCE TECHNICIAN	ET CTM
ET 1441 6	COMMUNICATION SECURITY DEVICES EQUIPMENT (KW-26) TECHNICIAN	ET CTM
ET 1442 5	KG-30 FAMILY LIMITED MAINTENANCE TECHNICIAN	ET CTM RM(SS) AT
ET 1443 4	KG-30 FAMILY UNLIMITED MAINTENANCE TECHNICIAN	ET
ET 1444 4	COMMUNICATION SECURITY DEVICES (KG-84/84A) TECHNICIAN	ET CTM AT
ET 1445 4	COMMUNICATION SECURITY DEVICES (KY-65/75) TECHNICIAN	ET CTM RM(SS) AT
ET 1446 4	COMMUNICATION SECURITY DEVICES (KY-57/58) TECHNICIAN	ET CTM RM(SS) AT
ET 1448 4	COMMUNICATION SECURITY DEVICES EQUIPMENT (KY-3) TECHNICIAN	ET CTM
ET 1449 3	NBST EQUIPMENT TECHNICIAN	ET CTM
ET 1451 7	SHIPBOARD METEOROLOGICAL DATA RECEIVER-RECORDER SMQ-10 TECHNICIAN	ET DS
ET 1451 7	SHIPBOARD METEOROLOGICAL DATA RECEIVER-RECORDER TMQ-29 TECHNICIAN	ET DS
ET 1452 4	NAVMACS(V) 3 SHIPBOARD MAINTENANCE TECHNICIAN	ET
ET 1453 4	FLTSATCOM (NAVMACS (V)2) SHIPBOARD MAINTENANCE TECHNICIAN	ET
ET 1454 4	DD-963 COMMUNICATIONS SYSTEMS TECHNICIAN	ET
ET 1456 4	FLTSATCOM (CUDIXS - NAVCOMSTA) MAINTENANCE TECHNICIAN	ET
ET 1457 4	LHA RADIO COMMUNICATIONS SYSTEM (RCS) MAINTENANCE TECHNICIAN	ET
ET 1458 4	VERDIN/ISAPS COMMUNICATION SYSTEMS TECHNICIAN	ET
ET 1461 4	SPECIAL MAINTENANCE (FSC-78/79 SHF SATELLITE TERMINAL) TECHNICIAN	ET
ET 1463 4	SPECIAL MAINTENANCE (TSC-54 SATELLITE COMMUNICATIONS) TECHNICIAN	ET
ET 1464 4	USC-28(V) SATELLITE COMMUNICATIONS SET TECHNICIAN	ET
ET 1466 4	SPECIAL MAINTENANCE (SSC-6 MAJOR SHIP SHF SATCOM TERMINAL) TECH	ET
ET 1467 4	UHF DAMA SHORE SYSTEM TECHNICIAN	ET
ET 1469 2	ELECTRICALLY SUSPENDED GYRO NAVIGATOR (ESGN) SYSTEM TECHNICIAN	ET
ET 1470 4	NAVIGATION EQUIPMENT (SRN-9/SRN-18) TECHNICIAN	ET
ET 1471 5	URN-25 TACAN TECHNICIAN	ET
ET 1472 6	TACTICAL AIR NAVIGATION (SRN6/URN3/GRN9) TECHNICIAN	ET
ET 1473 5	TACTICAL AIR NAVIGATION (URN-20) TECHNICIAN	ET
ET 1474 2	INERTIAL NAVIGATION MK II MOD 1 SINS (N7B) TECHNICIAN	ET
ET 1475 2	INERTIAL NAVIGATION MK III MOD 4 SINS TECHNICIAN	ET
ET 1476 2	INERTIAL NAVIGATION MK III MOD 6 SINS TECHNICIAN	ET
ET 1477 3	INERTIAL NAVIGATION (NAIAS) TECHNICIAN	ET
ET 1478 2	DUAL MINIATURIZED INERTIAL NAVIGATION SYSTEM (DMINS) TECHNICIAN	ET
ET 1481 3	ELECTRONIC WARFARE SUPPORT MEASURES (ESM) (WLR-1 SERIES) SYS TECH	ET CTM
ET 1482 2	ELECTRONIC WARFARE SYSTEM TECHNICIAN (WLR-6)	ET CTM
ET 1483 2	ELECTRONIC WARFARE SYSTEM TECHNICIAN (WLR-8 (V)2/(BLD-1))	ET
ET 1484 3	ELECTRONIC WARFARE SYSTEM TECHNICIAN (BRD-7)	ET
ET 1485 3	ELECTRONIC WARFARE TECHNICIAN (WLQ-4(V) SEA NYMPH	ET
ET 1491 4	FFG-7 CLASS NAVIGATION ELECTRONICS SUBSYSTEM TECHNICIAN	ET
ET 14A4 5	-141Z SUBMARINE ELECTRONICS TECHNICIAN NAVIGATION EQUIP MAINT TECHS	ET(SS)
ET 14PA 5	-141Z SUBMARINE ELECTRONICS TECHNICIAN NAVIGATION EQUIP MAINT TECHS	ET(SS)
ET 14ZA 4	-142Z SUBMARINE ELECTRONICS TECHNICIANS	ET(SS)
ET 1502 4	RADAR (SPN-41, SPN-43 AND SPN-44) TECHNICIAN	ET
ET 1503 4	RADAR (SPS-49) TECHNICIAN	ET
ET 1504 4	RADAR (SPS-55) TECHNICIAN	ET
ET 1507 4	RADAR (SPS-67(V)) TECHNICIAN	ET
ET 1508 3	RADAR (SPS-40 B/C/D WITH DMT1) TECHNICIAN	ET
ET 1509 4	RADAR (SPS-65(V)1) TECHNICIAN	ET
ET 1516 3	RADAR (SPS-40B/C/D) TECHNICIAN	ET

TABLE A-4 (CONTINUED)

NEC CODE	SEQUENCE CODE	TITLE	RATINGS
ET	1522	4 RADAR (SPN-42) TECHNICIAN	ET
ET	1523	5 RADAR (SPN-35/35A) TECHNICIAN	ET
ET	1572	3 AIMS SYSTEM TECHNICIAN	ET
ET	1573	4 AIMS (TSEC/CRYPTO) TECHNICIAN	ET AT
ET	1574	5 DAIR/GCA (TPX-42) MAINTENANCE TECHNICIAN	ET
ET	1576	5 CATCC DAIR/GCA MAINTENANCE TECHNICIAN	ET
ET	1577	5 GROUND CONTROLLED APPROACH (CPN-4A OR MPN-5) TECHNICIAN	ET
ET	1578	5 PIDP/GCA MAINTENANCE TECHNICIAN	ET
ET	1579	5 FPN-63 PRECISION APPROACH RADAR TECHNICIAN	ET
ET	1580	5 GPN-27 (ASR) MAINTENANCE TECHNICIAN	ET
ET	1588	3 ELECTRONICS STANDARDS SPECIALIST	ET AT CTM AQ AE AX TD
DS	1615	3 SHIPBOARD TACTICAL DATA SYSTEMS TECHNICIAN	DS
DS	1616	4 DATA DISPLAY EQUIPMENT MAINTENANCE TECHNICIAN	DS
DS	1623	4 DATA LINK TECHNICIAN	DS AT
DS	1634	4 ASWOC DATA SYSTEMS MAINTENANCE TECHNICIAN	DS
DS	1635	3 MESSAGE PROCESSING DISTRIBUTION SYSTEM (MPDS) TECHNICIAN	DS
DS	1636	3 UYK-4(V) COMPUTER SYSTEM MAINTENANCE TECHNICIAN	DS
DS	1637	3 SUBMARINE COMPUTER SYSTEM MAINTENANCE TECHNICIAN	DS FTG
DS	1638	3 TRIDENT SUBMARINE COMMAND AND CONTROL SYS (CCS) OP AND MAINT TECH	DS FTG
DS	1645	4 FLTSATCOM (SSIXS/ISABPS) - OP/CONGEN MAINTENANCE TECHNICIAN	DS
DS	1647	3 FHLT MAINTENANCE TECHNICIAN	DS
DS	1653	3 NIPS MAINTENANCE TECHNICIAN	DS
DS	1655	3 CV-ASWM DATA SYSTEMS TECHNICIAN	DS
DS	1664	4 SNAP 1 COMPUTER SYSTEM MAINTENANCE TECHNICIAN	DS
DS	1665	4 UYA-4 DATA DISPLAY EQUIPMENT MAINTENANCE TECHNICIAN	DS
DS	1666	5 UYK-5(V) COMPUTER SYSTEM MAINTENANCE TECHNICIAN	DS
DS	1667	4 UYK-7 COMPUTER AND ASSOCIATED PERIPHERAL TECHNICIAN	DS
DS	1668	4 USQ-20(V) PERIPHERAL AND CONVERSION EQUIPMENT MAINTENANCE TECHNICIAN	DS
DS	1672	4 DD 963 CLASS COMPUTER/PERIPHERAL TECHNICIAN	DS
DS	1673	4 LHA CLASS COMPUTER AND ASSOCIATED SUBSYSTEMS TECHNICIAN	DS
DS	1674	4 LHA INTEG'D TACTICAL AMPHIBIOUS WARFARE DATA SYS (ITAWDS) MAINT TECH	DS
DS	1681	4 FFG-7 CLASS DISPLAY EQUIPMENT MAINTENANCE TECHNICIAN	DS
DS	1682	4 DD963/LHA CLASS DISPLAY EQUIPMENT MAINTENANCE TECHNICIAN	DS
DS	1683	4 CGN-38 CLASS DISPLAY EQUIPMENT MAINTENANCE TECHNICIAN	DS
EW	1731	2 ELECTRONICS WARFARE TECHNICIAN OPERATOR (SLQ-32)	EW
EW	1733	2 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (SLQ-32(V)1&2)	EW
EW	1734	3 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (SLQ-32)	EW
EW	1735	3 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (SLQ-34/SLR-22)	EW
EW	1741	2 ELECTRONIC WARFARE SYSTEMS TECHNICIAN/OPERATOR (WLR-1H)	EW
EW	1743	2 ELECTRONIC WARFARE SYSTEMS TECHNICIAN (WLR-1H)	EW
EW	1751	2 ELECTRONICS WARFARE TECHNICIAN OPERATOR (SLQ-17A(V)2)	EW
EW	1753	2 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (SLQ-17A(V)2)	EW
EW	1761	2 ELECTRONICS WARFARE TECHNICIAN OPERATOR (WLR-ULQ-SLQ SERIES)	EW
EW	1763	2 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (WLR-1 SERIES)	EW
EW	1764	2 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (WLR-11 SERIES)	EW
EW	1773	2 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (ULQ-6 SERIES)	EW
EW	1774	2 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (SLQ-22/24)	EW
EW	1775	2 ELECTRONICS WARFARE SYSTEMS TECHNICIAN (SLQ-26 SERIES)	EW

TABLE A-4 (CONTINUED)

NEC CODE	SEQUENCE CODE	TITLE	RATINGS
EW	1781	2 ELECTRONICS WARFARE TECHNICIAN (ADVANCED APPLICATION)	EW
IM	1812	5 WATCH AND CLOCK INSTRUMENTMAN	IM OM
IM	1820	5 PHYSICAL /DIMENSIONAL CALIBRATION SPECIALIST	IM OM
IM	1821	4 PRECISION MEASURING SPECIALIST	OM
OM	1903	5 OPTICAL (SUBMARINE PERISCOPES) REPAIRMAN	OM
OM	1918	4 TYPE 18 SUBMARINE PERISCOPE OPTICAL REPAIRMAN	NC
NC	2186	4 CAREER RECRUITER	PC
PC	2211	5 AREA MAIL ROUTER	RM
RM	2301	3 ENLISTED FREQUENCY MANAGER	RM
RM	2304	5 INTERMEDIATE RADIO OPERATOR	RM
RM	2313	6 COMMUNICATIONS SYSTEMS MANAGER	RM
RM	2314	3 CRYPTOGRAPHIC MACHINES REPAIRMAN	RM CTM CTO
RM	2318	4 COMMUNICATIONS SYSTEM TECHNICAL CONTROL OPERATOR	RM CTO
RM	2319	4 COMMUNICATION SYSTEM TECHNICAL CONTROL SUPERVISOR	RM CTO
RM	2332	2 SUBMARINE RADIOMAN CRYPTO TECHNICIAN	RM(SS)
RM	2333	2 RADIO EQUIPMENT (SUBMARINE) MAINTENANCEMAN	RM
RM	2335	2 TRIDENT SUBMARINE INTEGRATED RADIO RM (IRR) OPERATION AND MAINT TECH	RM
RM	2342	3 TELETYPE (MOD 28, UGC-6 AND UGS-20) REPAIRMAN	RM CTM CTO
RM	2345	3 TELETYPE (UGC-20/25 TT-187 TT253) REPAIRMAN	RM CTM CTO
RM	2346	3 LOW-LEVEL KEYING TELETYPE REPAIRMAN	RM ET
RM	2347	2 SUBMARINE DIGITAL COMMUNICATIONS EQUIPMENT TECHNICIAN	RM
RM	2353	3 FLTSATCOM (SSIXS) RADIO EQUIPMENT (SUBMARINE) MAINTENANCEMAN	RM
RM	2354	3 FLTSATCOM (SSIXS - OPCNCGEN) OPERATOR	RM
RM	2355	4 FLTSATCOM (CUDIXS) NAVCOMSTA OPERATOR	RM
RM	2359	4 ASCOMM OPERATOR	RM
RM	2361	4 SATCOM OPERATOR (MSC-46, TSC-54, FSC-78, FSC-79 AND DCSS)	RM CTO
RM	2363	4 DSCS SATELLITE OPERATOR	RM CTO
RM	2371	5 AUTOMATED COMMUNICATIONS SYSTEMS OPERATOR (LDMX, NAVCOMPARS, MPDS)	RM CTO
RM	2372	5 AUTOMATED COMMUNICATIONS SYSTEMS COMPUTER EQUIPMENT SUPERVISOR	RM CTO
RM	2374	4 LHA AUTOMATED COMMUNICATIONS SYSTEM OPERATOR	RM
RM	2393	3 SPECIAL FIXED COMMUNICATION SYSTEM OPERATOR	RM
RM	23CA	4 -23DZ SUBMARINE RADIOMAN CRYPTO TECHNICIANS	RM(SS)
RM	23EA	4 -23FZ SUBMARINE RADIOMAN DIGITAL COMMUNICATIONS EQUIPMENT TECHS	RM(SS)
RM	23MA	5 -23NZ SUBMARINE RADIOMAN MAINTENANCE TECHNICIANS	RM(SS)
RM	23TA	5 -23TZ TRIDENT RADIOMAN INTEGRATED RADIO RM OPS AND MAINT TECHNICIANS	RM(SS)
YN	2511	4 COURT REPORTER	YN
YN	2514	3 FLAG OFFICIER WRITER	YN
YN	2516	4 LEGAL CLERK	YN
YN	2526	4 PERSONNEL ADMINISTRATIONMAN	YN PN
PN	2612	3 CLASSIFICATION INTERVIEWER	PN
DP	2703	5 COMPUTER SYSTEMS OPERATOR (WMMCCS)	DP
DP	2704	4 LHA COMPUTER SYSTEM OPERATOR	DP
DP	2705	5 LHA INTELLIGENCE CENTER ADP OPERATOR	DP
DP	2706	4 ASWOC DATA PROCESSING TECHNICIAN	DP
DP	2707	4 NCCS ADP OPERATOR	DP
DP	2734	5 NIPS STORAGE AND RETRIEVAL OPERATOR AND DATA BASE MANAGER	DP IS
DP	2741	4 COMPUTER PROGRAMMER (ASSEMBLER LANGUAGE)	DP
DP	2742	4 COMPUTER PROGRAMMER (COBOL)	DP

TABLE A-4 (CONTINUED)

NEC CODE	SEQUENCE CODE	TITLE	RATINGS
DP	2743	4 COMPUTER PROGRAMMER (FORTRAN)	DP
DP	2744	3 SYSTEM PROGRAMMER (IBM 360 SERIES COMPUTER SYSTEM)	DP
DP	2745	5 SYSTEM SOFTWARE PROGRAMMER (WMMCCS)	DP
DP	2746	5 SYSTEM PROGRAMMER (LDMX/NAVCOMPARS)	DP RM
DP	2747	5 APPLICATION PROGRAMMER (WMMCCS)	DP
DP	2750	5 COMPUTER SYSTEM SPECIALIST (MINI-COMPUTER SYSTEM)	DP
DP	2751	3 SYSTEM ANALYST	DP
DP	2752	5 APPLICATION SYSTEM ANALYST (WMMCCS)	DP
DP	2753	5 NWS SYSTEM SUPPORT ANALYST (WMMCCS)	DP
DP	2759	3 CV-ASMM DATA PROCESSING TECHNICIAN	DP TD
SK	2813	4 INDEPENDENT DUTY ASHORE STOREKEEPER	SK
SK	2815	4 INDEPENDENT DUTY AFLOAT STOREKEEPER	SK
SK	2816	4 SUPPLY AND ACCOUNTING (NON-MECHANIZED) ANALYST	SK
SK	2817	3 SUPPLY AND ACCOUNTING (SUADPS) ANALYST	SK AK
SK	2819	4 PERSONAL PROPERTY SPECIALIST	SK
SK	2821	5 AIR TRANSPORTATION SPECIALIST	SK
SK	2822	3 SUPPLY AND ACCOUNTING (SUADPS) TECHNICAL SPECIALIST	SK AB AK
SK	2823	3 SUPPLY AND ACCOUNTING (SUADPS R/T) ANALYST	SK AK
SK	2824	3 SUPPLY AND ACCOUNTING (SUADPS R/T) TECHNICAL SPECIALIST	SK AK
SK	2825	3 SUPPLY AND ACCOUNTING (SUADPS) ADVANCED TECHNICAL SPECIALIST	SK AK
SH	3111	4 NAVY EXCHANGE MANAGER	SH
SH	3112	5 AFLOAT SALES AND SERVICE SPECIALIST	SH
SH	3113	4 NAVY EXCHANGE/COMMISSARY STORE SPECIALIST	SH
SH	3114	4 COMMISSARY STORE MANAGER	SH SK MS
SH	3122	6 BARBER	SH
SH	3154	7 LAUNDRY/DRY CLEANING SPECIALIST	SH
JO	3221	5 RADIO-TV SPECIALIST	JO
3303	2	MISSILE FIRE CONTROL SYSTEM TECHNICIAN (MK 88 MOD 1 W/ POSEIDON SSBN FTB FT	FTB FT
3304	2	MFC SYS TECH (INTMTE LVL MAINT ON C-3 OR C-3/C-4 CAPABLE SSBN TNDRS FTB FT	FTB FT
3305	2	MISSILE FIRE CONTROL SYS TECH (MK 88 MOD 2 W/ TRIDENT-I BACKFIT SSBN FTB FT	FTB FT
3305	2	MISSILE FIRE CONTROL SYS TECH (MK 90 MOD 0 W/TRIDENT NEW CNSTRC SSBN FTB FT	FTB FT
3313	2	MISSILE AND MISSILE CHECKOUT TECHNICIAN (POSEIDON SSBN) FT MT	FT MT
3314	2	MISSILE AND MISSILE CHECKOUT TECH (POSEIDON C-3 INTMTE LVL MAINT FT MT	FT MT
3315	2	MISSILE AND MISSILE CHECKOUT TECHNICIAN (TRIDENT-I BACKFIT SSBN) FT MT	FT MT
3316	2	MIS'L & MIS'L CKOUT TECH (INTMTE LVL MAINT ON C-4 CAPABLE SSBN TNDR FT MT	FT MT
3317	2	MISSILE AND MISSILE CHECKOUT TECH (TRIDENT-I SSBN - NEW CONSTRUCTION FT MT	FT MT
3322	2	CENTRAL NAVGAT'N COMPUTER (CNC) TECH (CNC CP-890A ON POSEIDON SSBN ET	ET
3323	2	CENTRAL NAVGAT'N COMPUTER (CNC) TECH (CNC CP-890A ON TRIDENT SSBN ET	ET
3324	2	SHIPS INERTIAL NAVGAT'N SYS (SINS) TECH (SINS MK 2 MOD 3, 4, 6, 7) ET	ET
3325	2	(NAVAIDS) TECH (POLARIS OR POSEIDON NAVGAT'N SUBSYS W/O ESGM) ET	ET
3326	2	(NAVAIDS) TECH (POLARIS OR POSEIDON NAVGAT'N SUBSYS WITH ESGM) ET	ET
3327	2	NAVIGATION AIDS (NAVAIDS) TECH (TRIDENT NAVIGATION SUBSYSTEM) ET	ET
3332	2	CENT NAVGAT'N COMPUTER (CNC) TECH (INTMTE LVL MAINT ON POSEIDON TNDR ET	ET
3334	2	SHIP'S INERTL NAVG'N SYS (SINS) TECH (INTMTE LVL MAINT ON SSBN TNDR ET	ET
3335	2	NAVIGATION AIDS (NAVAIDS) TECHNICIAN (INTERMEDIATE LEVEL MAINTENANCE ET	ET
3336	2	ON TENDERS SUPPORTING POSEIDON SSBN'S WITHOUT ESGM) ET	ET
		ON TENDERS SUPPORTING POSEIDON SSBN'S WITH ESGM) ET	ET

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
3342 2	PORI/IDAS TECHNICIAN (C3/C4)	FTB FT MT
3343 3	OCEAN SURVEY TECHNICIAN - NAVAIDS	ET
3344 3	OCEAN SURVEY TECHNICIAN - SONAR	ET
3349 6	FLT BALLISTIC MISSILE WEAPONS AND NAVIGATION SYS TECH - SPECIAL CAT	FTB FT MT ET
3351 3	SUBMARINE NUCLEAR PROPULSION PLANT EMERGENCY WELDER	MM
3353 2	SUBMARINE NUCLEAR PROPULSION PLANT OPERATOR - REACTOR CONTROL	ET
3354 2	SUBMARINE NUCLEAR PROPULSION PLANT OPERATOR - ELECTRICAL	IC EM
3355 2	SUBMARINE NUCLEAR PROPULSION PLANT OPERATOR - MECHANICAL	MM
3356 2	SUBMARINE NUCLEAR PROPULSION PLANT OPERATOR - ENGINEERING	MM
3359 2	SUBMARINE NUCLEAR PROPULSION PLANT OPERATOR - SPECIAL CATEGORY	ET IC EM MM EN
3363 2	SUBMARINE NUCLEAR PROPULSION PLANT SUPERVISOR - REACTOR CONTROL	ET
3364 2	SUBMARINE NUCLEAR PROPULSION PLANT SUPERVISOR - ELECTRICAL	IC EM
3365 2	SUBMARINE NUCLEAR PROPULSION PLANT SUPERVISOR - MECHANICAL	MM EN
3366 2	SUBMARINE NUCLEAR PROPULSION PLANT SUPERVISOR - ENGINEERING LAB TECH	MM
3373 3	NUCLEAR PROPULSION PLANT MAINTENANCE SUPERVISOR - ELECTRONICS	ET
3376 3	NUCLEAR PROPULSION PLANT MAINTENANCE RADIOLOGICAL CONTROL SUPERVISOR	MM ET EM IC
3383 2	SURFACE SHIP NUCLEAR PROPULSION PLANT OPERATOR - REACTOR CONTROL	ET
3384 2	SURFACE SHIP NUCLEAR PROPULSION PLANT OPERATOR - ELECTRICAL	IC EM
3385 2	SURFACE SHIP NUCLEAR PROPULSION PLANT OPERATOR - MECHANICAL	MM
3386 2	SURFACE SHIP NUCLEAR PROPULSION PLANT OPERATOR -ENGINEERING LAB TECH	MM
3389 2	SURFACE SHIP NUCLEAR PROPULSION PLANT OPERATOR - SPECIAL CATEGORY	ET IC EM MM EN
3393 2	SURFACE SHIP NUCLEAR PROPULSION PLANT SUPERVISOR - REACTOR CONTROL	ET IC
3394 2	SURFACE SHIP NUCLEAR PROPULSION PLANT SUPERVISOR - ELECTRICAL	IC EM
3395 2	SURFACE SHIP NUCLEAR PROPULSION PLANT SUPERVISOR - MECHANICAL	MM EN
3396 2	SURFACE SHIP NUCLEAR PROPULSION PLANT SUPERVISOR-ENGINEERING LAB TECH	MM EM
3524 6	BACHELOR QUARTERS (BQ) MANAGEMENT SPECIALIST	MS
3529 5	WARDROOM/GALLEY SUPERVISOR	MS
3535 5	COMMISSARY STORE MEAT AND PRODUCE DEPT SUPERVISOR	MS
3537 5	COMMISSARY STORE MEAT CUTTER	MS
3601 4	LITHOGRAPHIC EQUIPMENT REPAIRMAN	LI
3801 7	FLUTE/PICCOLO INSTRUMENTALIST	MU
3802 7	OBOE INSTRUMENTALIST	MU
3803 7	CLARINET INSTRUMENTALIST	MU
3804 7	BASSOON INSTRUMENTALIST	MU
3805 7	SAXOPHONE INSTRUMENTALIST	MU
3806 7	TRUMPET/CORNET INSTRUMENTALIST	MU
3807 7	FRENCH HORN INSTRUMENTALIST	MU
3808 7	BARITONE/EUPHONIUM INSTRUMENTALIST	MU
3809 7	TROMBONE INSTRUMENTALIST	MU
3811 7	TUBA INSTRUMENTALIST	MU
3812 7	GUITAR/BASS DRUM INSTRUMENTALIST	MU
3813 7	PERCUSSION INSTRUMENTALIST	MU
3814 7	PIANO/BASS DRUM INSTRUMENTALIST	MU
3815 7	ELECTRIC/STRING BASS INSTRUMENTALIST	MU
3825 7	VOCALIST	MU
3851 7	ASSISTANT BANDLEADER	MU
3901 3	SATELLITE SENSOR INTERPRETER	IS
3902 4	CARRIER BASED STRIKE WARFARE OPERATIONAL INTELLIGENCE (OPTINEL) ANAL	IS
3903 4	OCEAN SURVEILLANCE INFORMATION SYSTEM (OSIS) ANALYST	IS



TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
IS 3904 4	AMPHIBIOUS WARFARE OPERATIONAL INTELLIGENCE (OPTINEL) ANALYST	IS
IS 3905 4	SURFACE WARFARE OPERATIONAL INTELLIGENCE (OPTINEL) ANALYST	IS
GS 4110 4	DD-963/DDG-993/CG-47 CLASS GAS TURBINE OPERATOR	GSE GSM
GS 4111 3	DD-963/DDG-993/CG-47 CLASS GAS TURBINE MECHANICAL MAINT TECHNICIAN	GSM
GS 4115 3	DD-963/DDG-993/CG-47 CLASS GAS TURBINE ELECTRICAL MAINT TECHNICIAN	GSE GSM
GS 4120 4	FFG-7 CLASS GAS TURBINE OPERATOR	GSM
GS 4121 3	FFG-7 CLASS GAS TURBINE MECHANICAL MAINTENANCE TECHNICIAN	GSM
GS 4122 3	FFG-7 CLASS GAS TURBINE ELECTRICAL MAINTENANCE TECHNICIAN	GSE
GS 4127 2	FFG-7 CLASS ENGINEERING SYSTEM TECHNICIAN	GSE GSM
GS 4131 5	LCAC CRAFT ENGINEER/ASSISTANT OPERATOR	GSE GSM
GS 4133 5	LCAC MECHANICAL SYSTEMS MAINTENANCE TECHNICIAN	GSM
GS 4135 5	LCAC ELECTRICAL SYSTEMS MAINTENANCE TECHNICIAN	GSE
MM 4204 3	STEAM PROPULSION MAINTENANCE SUPERVISOR	MM
MM 4221 4	IMA OUTSIDE MACHINE SHOP JOURNEYMAN	MM
MM 4245 3	SSN/SSBN BASIC AUXILIARY EQUIPMENT TECHNICIAN	MM
MM 4246 4	SSN/SSBN DIESEL ENGINE (FAIRBANKS-MORSE) MAINTENANCE TECHNICIAN	MM
MM 4252 5	ELECTROLYTIC OXYGEN GENERATOR (MODEL 6L16) OPERATOR	MM EM IC
MM 4262 5	ELECTROLYTIC OXYGEN GENERATOR (MODEL 7L16) OPERATOR/MECHANICAL TECH	MM
MM 4283 3	HIGH AND LOW PRESSURE CRYOGENIC TECHNICIAN	MM
MM 4291 4	CENTRIFUGAL AIR CONDITIONING MECHANIC	MM EN
MM 4294 4	REFRIGERATION AND AIR CONDITIONING MECHANIC	MM EN
MM 4295 5	UNREP EQUIPMENT MECHANIC	MM EN
MM 4296 5	SHIPBOARD ELEVATOR HYDRAULIC/MECHANICAL SYSTEM MECHANIC	MM EN
MM 4301 4	AUXILIARY GAS TURBINE TECHNICIAN	EN
MM 4314 3	DIESEL ENGINE INSPECTOR	EN
MM 4315 4	GENERAL MOTORS DIESEL ENGINE TECHNICIAN	EN
MM 4316 4	WALKESHA (L1616 D5IN) DIESEL ENGINE TECHNICIAN	EN
MM 4317 4	FAIRBANKS-MORSE (FM 38D81/8) DIESEL ENGINE TECHNICIAN	EN
MM 4318 4	PACKARD (NON-MAGNETIC) DIESEL ENGINE TECHNICIAN	EN
EN 4331 4	IMA ENGINE SHOP JOURNEYMAN	EN
EN 4355 4	LAMPS MK III RAST MECHANICAL MAINTENANCEMAN	EN
EN 4362 4	LST 1182 CLASS PROPULSION SYSTEM TECHNICIAN	EN
EN 4366 4	LSD-41 CLASS PROPULSION SYSTEM TECHNICIAN	EN
EN 4381 4	FFG-7 CLASS AUXILIARIES MECHANICAL SUBSYSTEM TECHNICIAN	EN
EN 4382 3	FFG-7 CLASS AUXILIARIES MECHANICAL SYSTEM TECHNICIAN	EN
EN 4398 4	DD-963 AUXILIARY SYSTEMS TECHNICIAN	EN
BT 4501 4	AUTOMATED PROPULSION CONTROL SYSTEM OPERATOR	BT MM EM
BT 4502 3	BOILER REPAIR TECHNICIAN	BT
BT 4503 3	MAIN PROPULSION STEAM GENERATING PLANT INSPECTOR	BT
BT 4505 3	STEAM PROPULSION MAINTENANCE SUPERVISOR	BT
BT 4507 4	AO-177 CLASS SHIP OPS OPERATOR	BT
BT 4511 5	AUTOMATED COMBUSTION CONTROL (BAILEY) MAINTENANCEMAN	BT EM MM IC
BT 4512 5	AUTOMATED COMBUSTION CONTROL (HAGEN) MAINTENANCEMAN	BT
BT 4513 5	AUTOMATED COMBUSTION CONTROL (GENERAL REGULATOR) MAINTENANCEMAN	BT MM
BT 4515 4	PRESSURE-FIRED BOILER OPERATOR	BT
BT 4531 6	AUTOMATED COMBUSTION CONTROL CONSOLE OPERATOR (BAILEY)	BT
BT 4532 6	AUTOMATED COMBUSTION CONTROL CONSOLE OPERATOR (HAGEN)	BT
BT 4533 6	AUTOMATED COMBUSTION CONTROL CONSOLE OPERATOR (GENERAL) REGULATOR	BTM

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
EM 4615 5	ELECTRICAL MOTOR REWINDER	EM
EM 4616 6	NOISE AND VIBRATION ANALYST	EM
EM 4621 4	IMA ELECTRICAL SHOP JOURNEYMAN	EM
EM 4626 4	DD-963 ELECTRICAL COMPONENT MAINTENANCE TECHNICIAN	EM
EM 4631 4	FFG-7 CLASS AUXILIARIES ELECTRICAL SUBSYSTEM TECHNICIAN	EM
EM 4632 3	FFG-7 CLASS AUXILIARIES ELECTRICAL SYSTEM TECHNICIAN	EM
EM 4666 5	MINESWEEPING ELECTRICIAN	EM
EM 4688 5	UNREP ELECTRICAL COMPONENT MAINTENANCEMAN (DENISON CONTROLS)	EM IC
EM 4669 5	UNREP ELECTRICAL COMPONENT MAINTENANCEMAN (UNITED CONTROL)	EM IC
EM 4671 5	SHIPBOARD ELEVATOR ELECTRONIC/ELECTRICAL SYSTEM MAINTENANCE TECH	EM IC
EM 4672 5	STEAM CATAPULT ELECTRICIAN	EM
EM 4673 4	LAMPS MK III RAST/HRG ELECTRICAL MAINTENANCEMAN	EM
IC 4701 4	AUTOMATED PROPULSION CONTROL SYSTEM MAINTENANCE TECHNICIAN	IC EM
IC 4703 4	FFG-7 CLASS INTERIOR COMMUNICATIONS SUBSYSTEM TECHNICIAN	IC
IC 4704 4	AO-177 CLASS SHIP APS MAINTENANCE TECHNICIAN	IC
IC 4706 4	LSO-41 CLASS AUTOMATED PROPULSION CONTROL SYSTEM MAINTENANCE TECH	IC EM
IC 4711 4	INTERIOR VOICE COMMUNICATIONS SYSTEMS MAINTENANCE TECHNICIAN	IC
IC 4712 4	INTEGRATED VOICE COMMUNICATIONS TECHNICIAN	IC
IC 4713 5	AUTOMATIC ELECTRIC TELEPHONE REPAIRMAN	IC
IC 4714 5	STROMBERG-CARLSON TELEPHONE REPAIRMAN	IC
IC 4715 5	DYNALOC TELEPHONE REPAIRMAN	IC
IC 4721 3	MK 19 GYROCOMPASS SYSTEMS MAINTENANCE TECHNICIAN	IC
IC 4723 3	MK 23 GYROCOMPASS SYSTEMS MAINTENANCE TECHNICIAN	IC
IC 4727 4	WSN-2 STABILIZED GYROCOMPASS TECHNICIAN	IC
IC 4728 4	WSN-5 INERTIAL NAVIGATION SET TECHNICIAN	IC
IC 4731 2	AUXILIARY ELECTRICIAN	IC EM
IC 4734 2	TRIDENT SUBM'E SHIP CONTROL AND ATMOSPHERE SUPPORT OP AND MAINT TECH	IC
IC 4745 4	OPTICAL LANDING SYSTEM TECHNICIAN	IC TD
IC 4746 4	CLOSED CIRCUIT TV TECHNICIAN	IC TD ET
IC 4747 4	BROADCAST TELEVISION SYSTEMS TECHNICIAN	IC
IC 4749 7	PHYSICAL SECURITY EQUIPMENT MAINTENANCE TECHNICIAN	IC ET CTM
IC 4752 4	ELECTROLYTIC OXYGEN GENERATOR (MODEL 6L16) MAINTENANCE TECHNICIAN	IC EM
IC 4762 4	ELECTROLYTIC OXYGEN GENERATOR (MODEL 7L16) ELECTRICAL SUPPORT TECH	IC EM
IC 4771 5	MK NC-2 MOD 0 (MARSHAND) PLOTTING SYSTEM TECHNICIAN	IC
IC 4772 5	MK NC-2 MOD 1/1A (SPERRY) PLOTTING SYSTEM TECHNICIAN	IC
IC 4773 5	PT 512/S (HARTMAN) TACTICAL DISPLAY PLOTTING SYSTEM TECHNICIAN	IC
IC 4774 5	MK NC-2 MOD 2/2A PLOTTING/MK 9 MOD 0/2 DRAI TECHNICIAN	IC
IC 4775 5	MK 9 MOD 4 DRAI/MK 6 MOD 4B DRT TECHNICIAN	IC
IC 4776 5	MK 9 MOD 4/MK 10 MOD 0 DRAI AND MK 6 MOD 4B DRT TECHNICIAN	IC
HT 4921 4	IMA METAL WORKER JOURNEYMAN	HT
HT 4931 5	VT, MT AND PT INSPECTOR	HT
HT 4932 5	RADIOGRAPHER	HT
HT 4933 4	RADIOGRAPHIC INSPECTOR	HT
HT 4934 4	ULTRASONIC INSPECTOR	HT
HT 4935 4	NDT INSPECTOR (NUCLEAR)	HT
HT 4936 3	NDT EXAMINER (VT, PT, MT)	HT
HT 4937 3	NDT ULTRASONIC EXAMINER	HT
HT 4938 3	NDT EXAMINER (NUCLEAR)	HT

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
HT 4939 3	NOT RADIOGRAPHIC EXAMINER	HT
HT 4941 4	IMA PIPE SHOP JOURNEYMAN	HT
HT 4954 3	GENERAL MAINTENANCE	HT
HR 4955 3	NONNUCLEAR WELDER	HT
HT 4956 2	NUCLEAR POWER PLANT COMPONENTS WELDER	HT
5301 2	UDT/SEAL CANDIDATE	SPECIAL SERIES
5302 2	EOD CANDIDATE	SPECIAL SERIES
5303 2	SECOND CLASS DIVER CANDIDATE	SPECIAL SERIES
5311 2	SATURATION DIVER	SPECIAL SERIES
5320 2	BASIC COMBATANT SWIMMER	SPECIAL SERIES
5321 2	COMBATANT SWIMMER (UDT)	SPECIAL SERIES
5322 2	COMBATANT SWIMMER (UDT-EOD QUALIFIED) (NONNUCLEAR)	SPECIAL SERIES
5323 2	SDV PILOT/NAVIGATOR	SPECIAL SERIES
5324 2	SDV PILOT/NAVIGATOR (EOD QUALIFIED) (NONNUCLEAR)	SPECIAL SERIES
5325 2	DOS OPERATOR	SPECIAL SERIES
5326 2	COMBATANT SWIMMER (SEAL)	SPECIAL SERIES
5327 2	COMBATANT SWIMMER (SEAL-EOD QUALIFIED) (NONNUCLEAR)	SPECIAL SERIES
5331 2	EOD ASSISTANT	SPECIAL SERIES
5332 2	EOD DIVER	SPECIAL SERIES
5333 2	EOD DIVER/PARACHUTIST	SPECIAL SERIES
5341 2	MASTER DIVER	SPECIAL SERIES
5342 2	DIVER FIRST CLASS	SPECIAL SERIES
5343 2	DIVER SECOND CLASS	SPECIAL SERIES
5345 2	SCUBA DIVER	SPECIAL SERIES
5346 2	MASTER SATURATION DIVER	SPECIAL SERIES
EA 5501 3	CONSTRUCTION INSPECTOR	EA BU CE EO SW UT
EA 5503 3	ADVANCED ENGINEERING AID	EA
CE 5601 4	UNINTERRUPTIBLE POWER SUPPLY (UPS) MAINTENANCE TECHNICIAN	CE EM CTM ET
CE 5633 3	MOBILE UTILITIES SUPPORT EQUIPMENT (MUSE) TECHNICIAN	CE CM EO SW UT
CE 5635 3	ADVANCED CONSTRUCTION ELECTRICIAN	CE
CE 5642 4	CENTRAL OFFICE EXCHANGE TECHNICIAN	CE
CE 5644 6	CABLE SPLICING TECHNICIAN	CE
EO 5707 4	WATER WELL DRILLING TECHNICIAN	EO UT
EO 5708 4	BLASTER	EO EA BU CE CM SW UT
EO 5710 3	ADVANCED EQUIPMENT OPERATOR	EO
CM 5804 6	STATIONARY DIESEL ENGINE MECHANIC	CM EN
CM 5805 3	ADVANCED CONSTRUCTION MECHANIC	CM
BU 5907 3	ADVANCED BUILDER	BU
BU 5908 6	TOOL AND EQUIPMENT TECHNICIAN	BU
BU 5915 3	CONSTRUCTION PLANNER AND ESTIMATOR SPECIALIST	BU CE SW UT EO
BU 5931 2	ADVANCED UNDERWATER CONSTRUCTION TECHNICIAN	BU SW CE UT EO CM EA
BU 5932 2	BASIC UNDERWATER CONSTRUCTION TECHNICIAN	BU SW CE UT EO CM EA
BU 5933 2	BASIC UNDERWATER CONSTRUCTION TECHNICIAN CANDIDATE	BU SW CE UT EO CM EA
SW 6010 3	ADVANCED STEELWORKER	SW
SW 6021 3	SAFETY INSPECTOR	BU SW CE UT EO CM EA
UT 6102 6	SHORE BASED BOILER CONTROLS TECHNICIAN	UT
UT 6104 4	SHORE BASED REFRIGERATION AND AIR CONDITIONING TECHNICIAN	UT
UT 6105 3	ADVANCED UTILITIESMAN	UT

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
AZ 6313 3	J-M SYSTEM DATA ANALYST	AZ
AD 6401 4	SPECTROMETRIC OIL ANALYSIS PROGRAM (SOAP) EVALUATOR	AD
AD 6402 5	RECIPROCATING ENGINE TECHNICIAN	AD
AD 6409 5	J-57 JET ENGINE CER/IMA TECHNICIAN	AD
AD 6412 5	J-79 TURBOJET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6414 5	TF-41 TURBOFAN JET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6415 5	TF-30 TURBOFAN JET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6416 5	J-52 TURBOJET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6417 5	T-400 TURBOSHAFT JET ENGINE FIRST DEGREE REPAIR/IMA MECHANIC	AD
AD 6418 5	T-56 TURBOPROP ENGINE AND 54H60 SERIES PROPELLER 1ST DEGREE/IMA MECH	AD
AD 6419 5	T-58 TURBOSHAFT JET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6420 5	F-404 TURBOFAN JET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6421 5	TF-34 TURBOFAN JET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6422 5	JET TEST CELL OPERATOR	AD
AD 6423 5	T-56-425/426 TURBOPROP ENGINE SECOND DEGREE/IMA MECHANIC	AD
AD 6424 5	T-64 TURBOSHAFT JET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6426 5	T-700 TURBOSHAFT JET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6427 5	J-85 TURBOJET ENGINE FIRST DEGREE/IMA MECHANIC	AD
AD 6428 5	HELICOPTER ROTORS/RELATED COMPONENTS IMA MECHANIC	AD
AD 6429 5	TURBO SHAFT/PROP ENGINE TEST CELL OPERATOR	AD
AX 6522 5	AKT-22 DATA LINK IMA TECHNICIAN	AX
AX 6526 6	AVIATION ASW (MAD) TECHNICIAN	AX AT
AX 6527 5	AVIATION ASW (AIRBORNE SONAR) IMA TECHNICIAN	AX AT
AX 6529 5	ASW SONOBUOY RECEIVERS AND RECORDER GROUP TECHNICIAN	AX AT
AX 6533 5	ASA-16 INTEGRATED TACTICAL DISPLAY IMA TECHNICIAN	AX AT
AX 6534 4	AOA-7 DIFAR SYSTEM IMA TECHNICIAN	AX AT
AX 6555 3	S-3A WEAPON SYSTEM INTEGRATOR	AX AT
AX 6569 2	ASW OPERATIONS CENTER TECHNICIAN	AX
AX 6571 2	CV-ASMM ANTISUBMARINE WARFARE TECHNICIAN	AX
AX 6582 4	P-3A/B WEAPONS SYSTEM OMA TECHNICIAN	AX
AX 6583 6	P-3C SENSOR STATION 1 & 2 (AOA-7) OMA TECHNICIAN	AX
AX 6584 4	P-3C UPDATE III SENSOR STATIONS 1 AND 2 SASP OMA TECHNICIAN	AX
AX 6585 4	P-3C SENSOR STATION THREE (RADAR AND DISPLAY) OMA TECHNICIAN	AX
AX 6586 4	P-3C OMA WEAPONS SYSTEM TECHNICIAN	AX AT
AX 6587 4	P-3C UPDATE III OMA WEAPONS SYSTEM TECHNICIAN	AX AT
AT 6602 4	VHF COMMUNICATIONS EQUIPMENT IMA TECHNICIAN	AT
AT 6603 4	ASN-99 PROJECTED MAP DISPLAY SET AND ASM-398 PGSE IMA	AT
AT 6605 6	AIRCRAFT RADAR ALTITUDE EQUIPMENT IMA TECHNICIAN	AT
AT 6606 6	AIRCRAFT DOPPLER RADAR NAVIGATION IMA TECHNICIAN	AT
AT 6607 5	DIGITAL DATA LINK COMMUNICATIONS IMA TECHNICIAN	AT
AT 6608 6	AIRCRAFT NAVIGATION COMPUTERS IMA TECHNICIAN	AT
AT 6609 6	AIRCRAFT ELECTRONIC IDENTIFICATION (IFF) IMA TECHNICIAN	AT
AT 6611 4	AIRCRAFT UHF COMMUNICATIONS, AUTOMATIC DIRECTION FINDER (ADF) AND INTERCOMMUNICATIONS SYSTEMS (ICS) EQUIPMENT IMA TECHNICIAN	AT
AT 6612 6	AIRCRAFT TACAN/RADIO NAVIGATION EQUIPMENT IMA TECHNICIAN	AT
AT 6613 6	AIRCRAFT HF COMMUNICATIONS EQUIPMENT IMA TECHNICIAN	AT
AT 6614 4	APS-116 INTERMEDIATE MAINTENANCE TECHNICIAN	AT AX
AT 6615 4	P-3 FLIR IMA TECHNICIAN	AT AX TD

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
AT 6616 4	APS-120 RADAR IMA TECHNICIAN	AT
AT 6618 2	USM-458 IMA TECHNICIAN	AT
AT 6619 4	HATS (USM-403) OPERATOR	AT AX TD
AT 6620 2	USM-458 OPERATOR	AT
AT 6621 4	APS-125 RADAR IMA TECHNICIAN	AT
AT 6623 2	CI ASA-27 SACE TEST BENCH IMA TECHNICIAN	AT
AT 6624 3	APS-96 SEARCH RADAR IMA TECHNICIAN	AT
AT 6625 4	USM-449(V) AND AAI 5500 SERIES ATE INTERMEDIATE MAINTENANCE LVL TECH	AT AX
AT 6626 2	CD CP-413/ASA-27A SACE TEST BENCH IMA TECHNICIAN	AT
AT 6628 4	HATS (USM-403) IMA MAINTENANCE TECHNICIAN	AT AX TD
AT 6629 4	USM-449(V) AND AAI 5500 SERIES ATE OPERATOR	AT AX
AT 6631 4	ASM-122/144 AND ON BOARD MEMORY TESTER IMA TECHNICIAN	AT
AT 6634 3	AIRORAF COMMUNICATIONS SECURITY DEVICES EQUIPMENT IMA TECHNICIAN	AT
AT 6635 2	EP-3E/EA-38 ESM IMA TECHNICIAN	AT
AT 6638 4	AAD-5 IMA TECHNICIAN	AT
AT 6639 4	COUNTERMEASURES RECEIVING AND DISPENSING EQUIPMENT IMA TECHNICIAN	AT
AT 6640 2	EP-3E ESM OMA TECHNICIAN	AT
AT 6641 3	ALO-126 ECM IMA TECHNICIAN	AT
AT 6643 3	ALO-100 ECM IMA TECHNICIAN	AT
AT 6644 2	DECM (ALO-92) IMA TECHNICIAN	AT
AT 6645 2	ALM-106 (MATE) TEST CONSOLE IMA TECHNICIAN	AT
AT 6646 4	ALO-91/108 DECM IMA TECHNICIAN	AT
AT 6647 2	ALO-99 TRANSMITTER TEST STATION AND ALO-76 IMA TECHNICIAN	AT
AT 6648 3	ALO-99 EXCITER INTERMEDIATE MAINTENANCE TECHNICIAN	AT
AT 6649 2	ECM/SIMULATOR IMA TECHNICIAN	AT
AT 6650 3	USM-470 AUTOMATIC TEST SYSTEM (ATS) TEST PROGRAM SET (TPS) ANALYST	AT AQ
AT 6651 4	ASM-347 (GT-1) SACE PROGRAMMER/MAINTENANCE IMA TECHNICIAN	AT AQ AX
AT 6652 3	VAST (USM-247(V)) OPERATOR	AT AQ AX
AT 6653 2	VAST (USM-247(V)) ON-LINE MAINTENANCE TECHNICIAN	AT AQ AX
AT 6654 3	DIGITAL TEST STATION/DIGITAL TEST GROUP IMA TECHNICIAN	AT
AT 6655 4	TS-2109 AND TS-2110/ASA-48 SACE PROGRAMMER IMA TECHNICIAN	AT AQ AE
AT 6656 3	USM-470 AUTOMATIC TEST SYSTEM (ATS) OPERATOR	AT AQ AX
AT 6658 3	USM-470 AUTOMATIC TEST SYSTEM (ATS) ON-LINE MAINTENANCE TECHNICIAN	AT AQ AX
AT 6659 3	VAST (USM-247(V)) TEST PROGRAM SET ANALYST	AT AQ AX
AT 6660 3	DYNAMIC ALIGNMENT TEST SET IMA TECHNICIAN	AT AX
AT 6662 4	APA-125/APS-80 RADAR SYSTEM IMA TECHNICIAN	AT AX
AT 6663 3	VAST (USM-247(V)) OFF-LINE MAINTENANCE/CLIBRATION	AT AQ AX
AT 6664 4	APS-115 SEARCH RADAR AND AXR-13 LLLTV IMA TECHNICIAN	AT
AT 6665 2	DRONE ELECTRONICS TECHNICIAN	AT
AT 6666 2	EA-68 EXCAP CENTRAL COMPUTER (A-6) TECHNICIAN	AT AE
AT 6667 3	EA-68 EXCAP DTS OPERATOR AND ALO-99 DISPLAYS INTERMEDIATE MAINT TECH	AT AE
AT 6668 3	EA-68 ECM OMA SYSTEM ANALYST	AT
AT 6669 3	EA-6A ECM/ESM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AT
AT 6670 4	APS-133(V) WEATHER RADAR SYSTEM IMA TECHNICIAN	AT
AT 6671 4	RADIO FREQUENCY TEST STATION (F-RFTS) IMA TECHNICIAN	AT
AT 6672 5	P-3C COMNAV OMA TECHNICIAN	AT
AT 6673 3	FIELD CALIBRATION ACTIVITY TECHNICIAN (ELECTRICAL /ELECTRONIC)	AT AX
AT 6674 3	ALO-99/ALO-86 SURVEILLANCE RECVRs AND RECEIVER TEST STATION IMA TECH	AT AQ AE ET TD

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
6675 3	DMTC (ALM-163) IMA TECHNICIAN	AT
6676 3	ALM-138/142/155 SUBASSEMBLY TEST CONSOLE IMA TECHNICIAN	AT
6677 4	TARPS CAMERA REPAIR IMA TECHNICIAN	AT
6679 3	DTS/DTG OPERATOR AND DIGITAL DISPLAY GROUP IMA TECHNICIAN	AT
6680 3	ICAP COMPUTER GROUP/ICAP II DIGITAL INTERFACE UNIT IMA TECHNICIAN	AT
6681 2	ERA-38 OMA ESM/ECM TECHNICIAN	AT
6682 2	FEWSG AIRBORNE ELECTRONIC WARFARE SYSTEM (FAEWS) INTMOTTE MAINT MAN	AT ET
6683 3	USM-429 CAT II/D OPERATOR	AT AQ AE
6684 3	AAM-60(V6) ELECTRICAL OPTICAL SYSTEM TEST SET IMA TECHNICIAN	AT AQ AX
6686 3	USM-429 CAT II/D MAINTENANCE TECHNICIAN	AT AQ
6687 3	USM-484 HYBRID TEST SET (HTS) OPERATOR	AT AQ AX
6688 3	USM-484 HYBRID TEST SET (HTS) INTERMEDIATE MAINTENANCE TECHNICIAN	AT AQ AX
6691 2	E-2C PASSIVE DETECTION SYSTEM OMA TECHNICIAN	AT
6692 2	E-2C AEW SYSTEM ANALYST OMA TECHNICIAN	AT
6696 3	TACAMO CCCS/UHF/HF COMMUNICATIONS IMA TECHNICIAN	AT
6697 3	TACAMO VLF AND VERDIN IMA TECHNICIAN	AT
6801 4	AIR LAUNCH WEAPONS INTERMEDIATE GUIDED MISSILE TECHNICIAN	AO
6802 3	STRIKE INTERMEDIATE ARMAMENT MAINTENANCEMAN	AO
6803 4	P-3A/B AND P-3C ARMAMENT/ORDNANCE IMA TECHNICIAN	AO
6804 4	P-3C ARMAMENT/ORDNANCE SYSTEM OMA TECHNICIAN	AO
6806 4	P-3A/B ARMAMENT/ORDNANCE SYSTEM OMA TECHNICIAN	AO
6801 3	FACILITY RATED APPROACH CONTROLLER	AC
6802 3	CARRIER AIR TRAFFIC CONTROL CENTER CONTROLLER	AC
7022 5	AVIATION GASOLINE HANDLER	ABF
7105 4	ATTITUDE HEADING REFERENCE SYSTEM IMA TECHNICIAN	AE
7106 3	CENTRAL AIR DATA COMPUTER IMA TECHNICIAN	AE
7107 3	HELICOPTER ELECTRICAL COMPONENT IMA TECHNICIAN	AE
7112 4	ASA-48 SEMI-AUTOMATIC CHECKOUT EQUIPMENT IMA TECHNICAL	AE
7114 4	ASN-42 INS AFRS IMA TECHNICIAN	AE
7117 4	ASN-84 INERTIAL NAVIGATION SYSTEM IMA TECHNICIAN	AE
7129 4	F-14 EMATS IMA TECHNICIAN	AE
7131 5	POWER GENERATING SYSTEMS IMA TECHNICIAN	AE
7133 5	A6/EAG ELECTRICAL COMPONENT INTERMEDIATE MAINTENANCE TECHNICIAN	AE
7135 3	H-53 AFCS OMA TECHNICIAN	AE
7136 5	AUTOMATED FLIGHT CONTROL SYSTEMS (AFCS) IMA TECHNICIAN	AE
7137 4	AIRCRAFT INSTRUMENT IMA TECHNICIAN	AE
7144 4	HELICOPTER ASE/AFCS INTERMEDIATE MAINTENANCE TECHNICIAN	AE
7147 4	ASM-608 INERTIAL MEASUREMENT UNIT TEST SET OPERATOR	AE
7166 4	ENGINE TEST CELL ELECTRICIAN	AE
7173 4	ASM-175 ELECTRONIC MODULE TEST CONSOLE IMA TECHNICIAN	AE AT AQ
7174 3	AFCS/ADC/INS/DRS & FLT SYS MINI-SACE GT-4 TEST CONSOLE INTMOTTE TECH	AE
7175 4	P-3/C-130/E-2/C-2 ELECTRICAL COMPONENT IMA TECHNICIAN	AE
7181 4	P-3C INTEGRATED ELECTRICAL SYSTEM OMA SPECIALIST	AE
7182 5	P-3A/B INTEGRATED ELECTRICAL SYSTEM OMA SPECIALIST	AE
7184 4	F/A-18 ELECTRICAL SYSTEMS IMA TECHNICIAN	AE
7197 4	AE-7197 ASM-608 INERTIAL MEASUREMENT UNIT TEST SET MAINTENANCE TECH	AE
7212 6	STATIONARY HYDRAULICS TEST STAND OPERATOR/MAINTENANCEMAN	AM
7222 6	INERT-GAS ARC-WELDER	AM

TABLE A-4 (CONTINUED)

NEC CODE	SEQUENCE	TITLE	RATINGS
AM	7223 5	AIRCRAFT AND ENGINE COMPONENT WELDER	AM
AM	7225 2	AIRCRAFT MAINTENANCE NON-DESTRUCTION INSPECTOR	AM
PR	7352 4	SENIOR NAVAL PARACHUTIST	PR
AG	7412 3	ANALYST-FORECASTER	AG
AG	7414 6	RAWIN/RADIOSONDE OPERATOR	AG
TD	7514 6	SURFACE TRAINING EQUIPMENT TECHNICIAN	TD
TD	7523 5	OPERATIONAL FLIGHT/WEAPONS SYSTEM TRAINER TECHNICIAN	TD
TD	7553 6	SUBMARINE TRAINING EQUIPMENT TECHNICIAN	TD
AS	7601 4	SUPPORT EQUIPMENT CRYOGENIC MECHANIC	AS ASE ASM
AS	7602 2	SUPPORT EQUIPMENT MOBILE ELECTRIC POWER PLANTS MECHANIC	AS ASE
AS	7603 3	SUPPORT EQUIPMENT AIR CONDITIONING TECHNICIAN	AS ASE
AS	7604 4	CRASH, SALVAGE AND AMMUNITION HANDLING EQUIPMENT MECHANIC	AS ASE ASM
AS	7606 2	SUPPORT EQUIPMENT GAS TURBINE MECHANIC	AS ASE ASM
AS	7607 2	SUPPORT EQUIPMENT MECHANIC	AS ASE ASM
AS	7608 3	SUPPORT EQUIPMENT HYDRAULIC TECHNICIAN	AS ASE ASM
AS	7609 2	SUPPORT EQUIPMENT MAINTENANCE MANAGER	AS ASE ASM
AW	7801 5	NAVAL AIRCREWMAN CANDIDATE	AS ASE ASM
AW	7815 5	HELICOPTER SEARCH AND RESCUE SWIMMER	AS ASE ASM
AW	7821 3	ACOUSTIC SYSTEM OPERATOR	AS ASE ASM
AW	7825 3	ASW OPERATIONS CENTER OPERATOR (ASWOC)	AS ASE ASM
AW	7826 3	CV ASW MODULE OPERATOR	AS ASE ASM
AW	7831 3	S-3A AUTOMATED SENSOR OPERATOR	AW
AW	7841 3	P-3C UPDATE III SASP OPERATOR	AW
AW	7851 4	NON-ACOUSTIC OPERATOR	AW
AW	7861 3	IMPROVED SYSTEM NON-ACOUSTIC OPERATOR	AW
AW	7871 4	MULTIPURPOSE SYSTEM OPERATOR	AW
AW	7872 3	COMBINED SYSTEMS OPERATOR	AW
AW	7873 4	SH-60 (LAMPS MK III) IMPROVED MULTIPURPOSE SYSTEM OPERATOR	AW
AW	7881 4	SONAR SYSTEMS OPERATOR	AW
AQ	7918 3	APQ-116 RADAR IMA TECHNICIAN	AQ
AQ	7919 2	APQ-126 FLR SSE IMA TECHNICIAN	AQ
AQ	7921 3	AVQ-7 HUD IMA TECHNICIAN	AQ
AQ	7922 3	AVQ-7 HUD SSE (AVM-11) IMA TECHNICIAN	AQ
AQ	7923 3	ASCU AND TACTICAL COMPUTER SSE IMA TECHNICIAN	AQ
AQ	7931 5	AWG-10 TRANSMITTER AND ANTENNA IMA TECHNICIAN	AQ
AQ	7932 5	AWG-10 RECEIVER IMA TECHNICIAN	AQ
AQ	7934 3	AWG-10A FIRE CONTROL SYSTEM MAINTENANCE TECHNICIAN	AQ
AQ	7935 3	AWG-10A/AM-80 COMPUTER AND COMPUTER TEST STATION INTMOTTE MAINT TECH	AQ
AQ	7936 3	AWG-10A TRANSMITTER, ANTENNA AND MISSILE CONTROL INTMOTTE MAINT TECH	AQ
AQ	7937 3	RECEIVER AND INDICATOR MAINTENANCE TECHNICIAN	AQ
AQ	7953 3	APQ-148/156 AND APS-130 RADAR, AAS-33 FLIR & APM-375 MSTRC IMA TECH	AQ AT
AQ	7954 3	ASQ-133/155 BALLISTIC COMPUTER & COMPUTER SYS TEST CONSOLE IMA TECH	AQ
AQ	7955 3	RADAR SYSTEMS MODULE REPAIR INTERMEDIATE MAINTENANCE	AQ AT
AQ	7958 4	A-6E TRAM WEAPON SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AQ

TABLE A-4 (CONTINUED)

NEC	SEQUENCE	TITLE	RATINGS
CODE			
AQ	7959	4 FLIR SYSTEMS INTERMEDIATE MAINTENANCE TECHNICIAN	AQ AX AT
AQ	7963	4 APQ-103/129 SEARCH RADAR, MINI-SACE TEST CONSOLE IMA TECHNICIAN	AQ AT
AQ	7964	3 AVA-1 ANALOG DISPLAY INDICATOR AND TEST CONSOLE IMA TECHNICIAN	AQ AT
AQ	7967	3 A7E OMA WAEPONS SYSTEM SPECIALIST	AQ
AQ	7969	3 F/A-18 OMA INTEGRATED WAEPONS TECHNICIAN	AQ AT AE
AQ	7975	2 APQ-126 FLR IMA TECHNICIAN	AQ
AQ	7976	4 C-8185 ASCU AND TACTICAL COMPUTER (ASN-91) IMA TECHNICIAN	AQ
AQ	7983	5 AERO-1A MISSILE CONTROL SYSTEM IMA TECHNICIAN	AQ
AQ	7985	3 ASM-624 OPERATOR/ANM-223 TEST EQUIPMENT CALIBRATOR	AQ
AQ	7988	4 AWG-9/ANM-23 LOW FREQUENCY TEST STATION IMA TECHNICIAN	AQ
AQ	7989	4 AWG-9/ANM-23 COMPUTER TEST STATION IMA TECHNICIAN	AQ
AQ	7991	4 AWG-9/ANM-23 CONTROLS AND DISPLAYS TEST STATION IMA TECHNICIAN	AQ
AQ	7992	4 AWG-9/ANM-23 MODULE TEST STATION IMA TECHNICIAN	AQ
AK	8011	2 AVIATION REPAIRABLE MANAGEMENT SPECILTAIST	AK
PH	8126	2 PHOTOGRAPHIC QUALITY CONTROLMAN	PH
PH	8133	4 NIPS PHOTO PROCESSING/MAINTENANCEMAN	PH
PH	8136	3 UNDERWATER PHOTOGRAPHER	PH
PH	8143	5 CINEMA/TV PRODUCTION SPECIALIST	PH
PH	8144	2 MOTION PICTURE/TV DIRECTOR	PH
PH	8146	2 MOTION PICTURE SCRIPT WRITER	PH
PH	8148	2 PHOTOJOURNALIST	PH JO
PH	8149	5 MOTION PICTURE SOUND TRANSMISSION AND RECORDING ENGINEER	PH JO
PH	8192	3 PHOTOGRAPHIC EQUIPMENT REPAIRMAN	PH
PH	8201	2 NAVAL AIRCREWMAN CANDIDATE	PH
PH	8202	2 NAVAL AIRCREWMAN (SPECIAL ASSIGNMENT)	PH
PH	8211	2 HELO UTILITY AIRCREWMAN	PH
PH	8215	2 HELICOPTER RESCUE AIRCREWMAN	PH
PH	8216	2 VERTICAL REPLENISHMENT AIRCREWMAN	PH
PH	8225	2 VERTICAL ONBOARD DELIVERY AIRCREWMAN	PH
PH	8226	2 MINE COUNTERMEASURES HELICOPTER AIRCREWMAN	PH
PH	8241	2 UTILITY AIRCREWMAN	PH
PH	8243	2 A-3 PLANE CAPTAIN/CREW CHIEF	PH
PH	8244	2 A3 CREWMAN/NAVIGATOR	PH
PH	8245	2 TRANSPORT AIRCREWMAN	PH
PH	8250	2 C-9 CREW CHIEF	PH
PH	8251	2 P-3 FLIGHT ENGINEER	PH
PH	8252	2 C-130/EC-130 FLIGHT ENGINEER	PH
PH	8258	2 TRANSPORT FLIGHT CREW PLANE CAPTAIN	PH
PH	8261	2 P-3A/B IN-FLIGHT AVIONICS MAINTENANCE TECHNICIAN	PH
PH	8262	2 P-3C UPDATE III IN-FLIGHT AVIONICS MAINTENANCE TECHNICIAN	PH
PH	8263	2 P-3C IN-FLIGHT AVIONICS MAINTENANCE TECHNICIAN	PH
PH	8264	2 E-2C AEW FLIGHT TECHNICIAN	PH
PH	8265	2 FLIGHT COMMUNICATIONS OPERATOR	PH
PH	8267	2 E-2B AEW FLIGHT TECHNICIAN	PH
PH	8269	2 FLIGHT ELECTRONICS TECHNICIAN	PH
PH	8271	2 P-3 FLIGHT CREW ORDNANCEMAN	PH
PH	8273	2 TACAMO AIRBOURNE COMMUNICATIONS OPERATOR	PH



TABLE A-4 (CONTINUED)

NEC	SEQUENCE	TITLE	RATINGS
CODE			
8274	2	TACAMO SYSTEMS REEL OPERATOR	AE AM
8275	2	TACAMO SYSTEMS IN-FLIGHT AVIONICS TECHNICIAN	AT
8276	2	P-3 SECOND MECHANIC	AD AM AE
8278	2	LOADMASTER	AD AM AE AB AO
8284	2	ELECTRONICS WARFARE OPERATIONAL INTELLIGENCE CREWMAN	AT AE
8288	2	AERIAL CAMERAMAN	PH
8289	2	FLIGHT ATTENDANT	AO AM AE MS AD AK AZ
8294	4	SEARCH AND RESCUE MEDICAL TECHNICIAN	HM
8295	2	CRYPTOLOGIC TECHNICIAN OPERATOR/ANALYST	CTT CTO CTR CTI
8300	4	AVIATION MAINTENANCE MATERIAL CONTROL CHIEF	AO AZ PR AF AV
8301	5	AVIATION SAFETY SPECIALIST	AB AD AE AM AO AQ AS AT AW AX AZ PR
8302	5	T-2C SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AE AO AMH AMS AF AV
8303	4	CH/MH-53E SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AMH AMS AT AF AV
8304	4	H-53 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AE AO AMH AMS AF AV
8305	4	C2/E2 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AME/H/S PR FOR C2/E2 AE AT FOR E2-B AF AV
8306	4	E-2C SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AE AT AF AV
8307	4	C-2A SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AT AE AV
8308	5	CT-39 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AT AME AMH AMS AF AV
8309	5	C9B SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AM AT PR AF AV
8310	5	EC-130 TACAMO SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AMH AMS AT AF AV
8317	5	EC-130 TACAMO SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AE AME AMH AMS
8318	5	C-130 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AME AMH AMS AF AV
8319	6	P-3 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AO AE AQ AT AME AMH AMS AF AV
8323	6	F-4 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AO AE AQ AME AMH AMS AF AV
8326	5	A-7A/B SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AO AE AQ AME AMH AMS AF AV
8327	5	A-7E SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AO AE AQ AME AMH AMS AF AV
8331	6	A-6 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AO AE AT AME AMH AMS AF AV PR
8332	5	EA-6B SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AM AT AO AF AV
8333	5	EA-6A SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AMH AMS AME AT AE AO
8342	5	F/A-18 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AO AQ AT AME AMH AMS AF AV
8344	6	RF-8 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AO AE AQ PH AME AMH AMS AF AV
8345	5	F-14 SYSTEM AIRCRAFT ORGANIZATIONAL MAINTENANCE TECHNICIAN	AE AQ AO AD AT PH AME AMH AMS AF AV
8346	5	S-3A SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AMS/H AME AT AX AE AO AF AV
8351	6	A-4 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AO AE AME AMH AMS AF AV
8357	6	A-3 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AO AE PH AME AMH AMS AF AV
8374	6	H-1 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AM AO AT AMH AMS
8375	6	H-2 (LAMPS) SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AT AX AD AE AO AME AMH AMS AF AV
8376	6	SH-60 (LAMPS MK III) SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AM AO AT AX AF AV
8377	6	SH-3 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AX AT AE AO AME PR AMH AMS AF AV
8379	4	H-46 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AT AE AME AMH AMS AF AV
8380	6	UH-1N SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AE AT AMH AMS
8381	5	C-1A/S-2 SYSTEM ORGANIZATIONAL MAINTENANCE TECHNICIAN	AD AX AT AO AE AMH AMS AF AV
8402	2	NUCLEAR SUBMARINE MEDICINE TECHNICIAN	HM
8404	7	MEDICAL FIELD SERVICE TECHNICIAN	HM
8406	3	AEROSPACE MEDICAL TECHNICIAN	HM
8407	4	RADIATION HEALTH TECHNICIAN	HM
8408	4	CARDIOPULMONARY TECHNICIAN	HM
8409	4	AEROSPACE PHYSIOLOGY TECHNICIAN	HM
8416	4	CLINICAL NUCLEAR MEDICINE TECHNICIAN	HM

TABLE A-4 (CONTINUED)

NEC CODE	SEQUENCE CODE	TITLE	RATINGS
HM	8425	2 ADVANCED HOSPITAL CORPSMAN	HM
HM	8432	3 PREVENTIVE MEDICINE TECHNICIAN	HM
HM	8433	4 TRANSPLANTATION TECHNICIAN	HM
HM	8444	4 OCULAR TECHNICIAN	HM
HM	8445	4 ADVANCED OCULAR TECHNICIAN	HM
HM	8446	4 OTOLARYNGOLOGY TECHNICIAN	HM
HM	8451	4 BASIC X-RAY TECHNICIAN	HM
HM	8452	4 ADVANCED X-RAY TECHNICIAN	HM
HM	8454	4 ELECTROENCEPHALOGRAPHY TECHNICIAN	HM
HM	8463	3 OPTICIAN TECHNICIAN	HM
HM	8466	4 PHYSICAL THERAPY TECHNICIAN	HM
HM	8472	4 PHOTOGRAPHY TECHNICIAN	HM
HM	8477	4 BIOMEDICAL EQUIPMENT TECHNICIAN, BASIC	HM
HM	8478	3 ADVANCED BIOMEDICAL EQUIPMENT TECHNICIAN	HM
HM	8482	4 PHARMACY TECHNICIAN	HM
HM	8483	4 OPERATING ROOM TECHNICIAN	HM
HM	8485	4 PSYCHIATRY TECHNICIAN	HM
HM	8486	4 UROLOGY TECHNICIAN	HM
HM	8489	4 ORTHOPEDIC CAST ROOM TECHNICIAN	HM
HM	8492	3 SPECIAL OPERATIONS TECHNICIAN	HM
HM	8493	3 MEDICAL DEEP SEA DIVING TECHNICIAN	HM
HM	8495	4 DERMATOLOGY TECHNICIAN	HM
HM	8496	4 MORTICIAN	HM
HM	8501	4 LABORATORY TECHNICIAN, BASIC	HM
HM	8503	4 HISTOPATHOLOGY TECHNICIAN	HM
HM	8505	4 CYTOLOGY TECHNICIAN	HM
HM	8506	4 MEDICAL LABORATORY TECHNICIAN, ADVANCED	HM
HM	8541	4 RESPIRATORY THERAPY TECHNICIAN	HM
DT	8703	4 DENTAL ADMINISTRATIVE TECHNICIAN	DT
DT	8705	4 DENTAL HYGIENE TECHNICIAN	DT
DT	8707	7 FIELD SERVICE DENTAL TECHNICIAN	DT
DT	8714	3 DENTAL RESEARCH ASSISTANT	DT
DT	8732	3 DENTAL EQUIPMENT REPAIR TECHNICIAN	DT
DT	8752	5 DENTAL LABORATORY TECHNICIAN, BASIC	DT
DT	8753	4 DENTAL LABORATORY TECHNICIAN, ADVANCED	DT
DT	8765	3 DENTAL LABORATORY TECHNICIAN, MAXILLOFACIAL	DT
CT	9107	3 HIGH FREQUENCY DIRECTION FINDING (HFDF) COMPUTER PROGRAMMER	CTT CTM CTR
CT	9108	4 SPECIAL PURPOSE COMPUTER (UYK-20) PROGRAMMER	CTT CTR CTO CTM
CT	9109	3 CRYPTOLOGIC SYSTEM SOFTWARE SUPPORT COMPUTER (FORTRAN) PROGRAMMER	CTT CTR CTO CTM
CT	9110	3 CRYPTOLOGIC SYSTEM SOFTWARE SUPPORT (PASCAL) PROGRAMMER	CTT CTR CTO CTM
CT	9116	4 CRYPTOLOGIC SUPERVISOR	CTR CTI
CT	9121	4 SUBMARINE ELECTRONIC WARFARE SUPPORT MEASURES SYSTEM (WLR-6) OPERATOR	CTT CTR CTI
CT	9122	4 SEMSPS (WLR-6, BRD-7, WYQ-1 AND BRQ-1) OPERATOR	CTT
CT	9123	4 SUBMARINE ELECTRONIC WARFARE SUPPORT MEASURE SYSTEM (WLQ-4) OPERATOR	CTT CTR CTI
CT	9124	4 SURFACE CRYPTOLOGIC TACTICAL SUPPORT SYSTEM AUGMENTATION OPERATOR	CTT CTR CTI
CT	9125	4 OUTBOARD SYSTEM OPERATOR	CTT CTR
CT	9127	3 SIGNALS SECURITY OPERATOR	CTT CTR
CT	9128	3 SIGNALS SECURITY TECHNICIAN	CTT CTR

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
CT 9129 3	HIGH FREQUENCY DIRECTION FINDING SPECIALIST (NET CONTROL)	CTR CTT
CT 9130 3	CRYPTOLOGIC COMBAT SUPPORT CONSOLE/SUPPORT SYSTEM(CCSC/CCCS) OPERATOR	CTR
CT 9132 3	CRYPTOLOGIC SURFACE WARFARE SYSTEMS SUPERVISOR	CTR CTT CTO
CTT 9140 3	NONCOMMUNICATIONS TECHNICIAN	CTT
CTT 9141 3	INTERMEDIATE NONCOMMUNICATIONS COLLECTION AND ANALYSIS TECHNICIAN	CTT
CTT 9142 3	CLASSIC WIZARD OPERATOR	CTT
CTT 9143 3	CLASSIC WIZARD ANALYST	CTT
CTT 9144 3	TECHNICAL GUIDANCE UNIT (TGU) ELINT SPECIALIST	CTT
CTT 9145 3	WIDEBAND SYSTEMS TECHNICIAN	CTT
CTT 9146 3	SENIOR NON-MORSE COLLECTION SUPERVISOR	CTT
CTT 9147 3	SENIOR NON-MORSE COLLECTOR/ANALYST	CTT
CTT 9148 3	INTERMEDIATE NON-MORSE OPERATOR	CTT
CTT 9149 3	ICR/FLEDSOP SYSTEMS OPERATOR	CTT
CTT 9150 3	ICR/FLEXSCOP COMPUTER PROGRAMMER	CTT
CTT 9151 3	RADIOPRINTER OPERATOR (SCR)	CTT
CTT 9152 3	ECHOLON COLLECTION TECHNICIAN	CTT
CTT 9153 3	TRANSIENT COLLECTION TECHNICIAN	CTT
CTT 9154 3	COLLECTION AND FORWARDING SYSTEM (CFS) OPERATOR	CTT
CTT 9155 3	COLLECTION AND FORWARDING SYSTEM (CFS) ANALYST	CTT
CTT 9156 3	COLLECTION AND FORWARDING SYSTEM (CFS) SUPERVISOR	CTT
CTT 9157 3	(CFS) TECHNICAL SUPPORT AND ACQUISITION SPECIALIST	CTT
CTR 9165 3	HIGH FREQUENCY DIRECTION FINDING SPECIALIST (OUTSTATION)	CTT
CTR 9167 3	IMPROVED AG-22 TERMINAL SUBSYSTEM (IATS) SYSTEM CONTROLLER	CTT
CTR 9169 3	ADVANCED MORSE COLLECTION SPECIALIST	CTT
CTO 9181 3	COMMUNICATIONS TECHNICAL CONTROLLER	CTO
CTO 9183 3	STREAMLINER COMMUNICATIONS OPERATOR	CTO
CTO 9184 2	TELECOMMUNICATIONS OPERATIONS SPECIALIST	CTO
CTO 9185 4	TACTINEL COMMUNICATIONS OPERATOR	CTO
CTA 9190 2	SPECIAL SECURITY ASSISTANT	CTA IS
CTI 9197 3	BASIC SERBO-CROATIAN LINGUIST	CTI
CTI 9198 3	BASIC POLISH LINGUIST	CTI
CTI 9201 3	BASIC RUSSIAN LINGUIST	CTI
CTI 9203 3	BASIC SPANISH LINGUIST	CTI
CTI 9204 3	BASIC FRENCH LINGUIST	CTI
CTI 9207 3	BASIC GERMAN LINGUIST	CTI
CTI 9208 3	BASIC ALBANIAN LINGUIST	CTI
CTI 9209 3	BASIC PERSIAN (FARSI) LINGUIST	CTI
CTI 9211 3	BASIC CHINESE (MANDARIN) LINGUIST	CTI
CTI 9212 3	BASIC KOREAN LINGUIST	CTI
CTI 9213 3	BASIC VIETNAMESE LINGUIST	CTI
CTI 9214 3	BASIC INDOONESIAN LINGUIST	CTI
CTI 9215 3	BASIC HEBREW LINGUIST	CTI
CTI 9216 3	BASIC ARABIC LINGUIST	CTI
CTI 9230 3	INTERMEDIATE RUSSIAN LINGUIST	CTI
CTI 9231 3	INTERMEDIATE CHINESE (MANDARIN) LINGUIST	CTI
CTI 9232 3	INTERMEDIATE KOREAN LINGUIST	CTI
CTI 9234 3	INTERMEDIATE FRENCH LINGUIST	CTI
CTI 9235 3	INTERMEDIATE HEBREW LINGUIST	CTI

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
CTI 9236 3	INTERMEDIATE ARABIC LINGUIST	CTI
CTI 9237 3	INTERMEDIATE VIETNAMESE LINGUIST	CTI
CTI 9240 3	ADVANCED RUSSIAN LINGUIST	CTI
CTI 9241 3	ADVANCED CHINESE (MANDARIN) LINGUIST	CTI
CTI 9242 3	ADVANCED KOREAN LINGUIST	CTI
CTI 9243 3	ADVANCED SPANISH LINGUIST	CTI
CTI 9246 3	ADVANCED ARABIC LINGUIST	CTI
CTM 9250 3	BULLSEYE SYSTEM TECHNICIAN (BEST)	CTM
CTM 9251 3	WIDE BAND ACQUISITIONS AND ANALYSIS (WBAA) HARDWARE MAINTENANCE TECH	CTM
CTM 9252 3	HIGH FREQUENCY DIRECTION FINDING (HFDF) HARDWARE MAINTENANCE TECH	CTM
CTM 9253 3	PARAMETER PROCESSING SYSTEM (PPS) MAINTENANCE TECHNICIAN	CTM
CTM 9254 3	NET CONTROL COMPUTER (GYK-3) MAINTENANCE TECHNICIAN	CTM
CTM 9255 3	NARROWBAND EQUIPMENT MAINTENANCE TECHNICIAN	CTM
CTM 9256 3	RADIO FREQUENCY DISTRIBUTION (RFD) MAINTENANCE TECHNICIAN	CTM
CTM 9260 3	TELETYPE (MOD-28 AND LOW-LEVEL KEYING)/COMMUNICATIONS SECURITY DEVICES EQUIPMENT (KW-7) TECHNICIAN	CTM
CTM 9261 3	COMMUNICATIONS SECURITY DEVICES EQUIPMENT (KWR-37/KWT-37/KG-14 TECH	CTM
CTM 9264 3	COMMUNICATIONS SYSTEM (UYA-7)/COMMUNICATIONS SECURITY DEVICES EQUIPMENT (KG-30 FAMILY LIMITED) TECHNICIAN	CTM
CTM 9265 3	LOW-LEVEL TELETYPE (MOD 28), COMMUNICATIONS SYSTEM (UYA-7) AND COMMUNICATIONS SECURITY DEVICE (KG-30 FAMILY LIMITED) TECHNICIAN	CTM
CTM 9267 3	MUSIC SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9268 3	TELETYPE (MOD-40) MAINTENANCE TECHNICIAN	CTM
CTM 9269 3	SPECIAL TELEPRINTER MAINTENANCE TECHNICIAN	CTM
CTM 9270 3	STREAMLINER COMMUNICATIONS SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9271 3	LEMONADE COMMUNICATIONS SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9272 3	DORY/JULLMAN MAINTENANCE TECHNICIAN	CTM
CTM 9273 3	CFS PDP-11/VAX-11 COMPUTER MAINTENANCE TECHNICIAN	CTM
CTM 9274 3	CFS SEL-32 COMPUTER MAINTENANCE TECHNICIAN	CTM
CTM 9275 3	FLEXSCOP (GYK-9) COMPUTER SYSTEMS MAINTENANCE TECHNICIAN	CTM
CTM 9276 3	TEBO (GSO-76) SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9277 3	BITMAN COMPUTER (GYK-22) SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9278 3	SIGNAL DEMULTIPLEXER (TCA-4) MAINTENANCE TECHNICIAN	CTM
CTM 9280 2	TACTICAL INTELLIGENCE (TACINTEL) COMMUNICATIONS SUBSYSTEM MAINT TECH	CTM
CTM 9281 3	PROJECT OUTBOARD MAINTENANCE TECHNICIAN	CTM
CTM 9282 3	SSQ-80 MAINTENANCE TECHNICIAN	CTM
CTM 9283 3	MOBILE ELECTRONICS MAINTENANCE TECHNICIAN (WLQ-4)	CTM
CTM 9284 3	MOBILE ELECTRONIC MAINTENANCE TECHNICIAN (SUBMARINE)	CTM
CTM 9287 3	CRYPTOLOGIC COMBAT SUPPORT SYSTEM (CCSS) MAINTENANCE TECHNICIAN	CTM
CTM 9288 3	CRYPTOLOGIC COMBAT SUPPORT CONSOLE (CCSS) MAINTENANCE TECHNICIAN	CTM
CTM 9290 3	MARCOOND AG-22 TERMINAL SUBSYS (IATS) (GYK-25) COMPUTER SYS MAINT TECH	CTM
CTM 9291 3	IMPROVED AG-22 TERMINAL SUBSYSTEM (IATS) (GYK-25) COMPUTER SYS MAINT TEC	CTM
CTM 9292 4	SUB-HF SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9293 3	FYK-16 SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9294 3	FSQ-111 SYSTEM MAINTENANCE TECHNICIAN	CTM
CTM 9296 3	COMMUNICATIONS ELECTRONICS EQUIPMENT INSTALLER	CTM
9501 5	LEARNING CENTER INSTRUCTOR	SPECIAL SERIES
9502 7	INSTRUCTOR	SPECIAL SERIES

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
9503 5	2M INSPECTOR	SPECIAL SERIES
9504 6	AVIATION WATER SURVIVAL INSTRUCTOR	SPECIAL SERIES
9505 2	SURVIVAL, EVASION, RESISTANCE AND ESCAPE (SERE) INSTRUCTOR	SPECIAL SERIES
9506 6	CURRICULUM AND INSTRUCTIONAL STANDARDS SPECIALIST	SPECIAL SERIES
9507 4	DIGITAL COMPUTER PROGRAMMER	SPECIAL SERIES
9508 5	RECRUIT/ASSISTANT RECRUIT COMPANY COMMANDER/RECRUIT INSTRUCTOR	SPECIAL SERIES
9509 5	2M INSTRUCTOR/MASTER INSPECTOR	SPECIAL SERIES
9511 4	3-M SYSTEM MAINTENANCE OPERATIONS MANAGER	SPECIAL SERIES
9512 5	3-M SYSTEM COORDINATOR	SPECIAL SERIES
9513 4	MANPOWER ANALYST	SPECIAL SERIES
9514 4	MANPOWER ENGINEERING TECHNICIAN	SPECIAL SERIES
9515 5	EQUAL OPPORTUNITY PROGRAM SPECIALIST	SPECIAL SERIES
9516 4	CORRECTIONAL COUNSELOR	SPECIAL SERIES
9518 5	LEADERSHIP AND MANAGEMENT EDUCATION AND TRAINING INSTRUCTOR	SPECIAL SERIES
9519 5	ALCOHOLISM TREATMENT SPECIALIST	SPECIAL SERIES
9521 5	COLLATERAL DUTY ALCOHOLISM ADVISOR	SPECIAL SERIES
9522 5	DRUG AND ALCOHOL ABUSE COUNSELOR	SPECIAL SERIES
9523 5	FLOATING DRYDOCK DOCKMASTER	SPECIAL SERIES
9524 6	FLOATING DRYDOCK BALLAST CONTROLLER	SPECIAL SERIES
9526 5	2M MICROMINIATURE REPAIR TECHNICIAN	SPECIAL SERIES
9527 5	2M MINIATURE REPAIR TECHNICIAN	SPECIAL SERIES
9528 5	ORGANIZATIONAL EFFECTIVENESS SPECIALIST	SPECIAL SERIES
9530 3	SPECIAL TECHNICAL OPERATIONS SPECIALIST	SPECIAL SERIES
9533 3	PATROL BOAT/COASTAL/RIVERINE COMBATANT CRAFT CAPTAIN/CREWMAN	SPECIAL SERIES
9537 3	AGIS COMBAT SYSTEM TECHNICIAN	FT ET ST EW
9539 5	PATROL COMBATANT MISSILE (HYDROFOIL)(PHM) TECHNICIAN	SPECIAL SERIES
9541 2	PATROL DOG HANDLER	SPECIAL SERIES
9542 2	DRUG DETECTOR DOG HANDLER	SPECIAL SERIES
9543 2	PATROL/EXPLOSIVE DETECTOR DOG HANDLER	SPECIAL SERIES
9545 2	SECURITY GUARD	SPECIAL SERIES
9548 5	CORRECTIONS SPECIALIST	SPECIAL SERIES
9554 3	MASTER NAVAL PARACHUTIST	SPECIAL SERIES
9558 4	FLIGHT INSTRUCTOR SPECIALIST	SPECIAL SERIES
9559 4	ENGINEERING BULK FUEL SYSTEMS (SHORE) TECHNICIAN	SPECIAL SERIES
9561 5	PETROLEUM SPECIALIST	SPECIAL SERIES
9562 2	DEEP SUBMERGENCE VEHICLE OPERATOR	SPECIAL SERIES
9563 2	DEEP SUBMERGENCE VEHICLE CREWMEMBER	SPECIAL SERIES
9566 7	NAVAL CONTROL OF SHIPPING STAFF ASSISTANT	SPECIAL SERIES
9567 5	MILITARY SEALIFT COMMAND STAFF ASSISTANT	SPECIAL SERIES
9571 5	AFLOAT SAFETY MANAGER	SPECIAL SERIES
9575 5	CORRECTIONAL CUSTODY SPECIALIST	SPECIAL SERIES
9577 7	MILITARY AFFILIATE RADIO SYSTEM (MARS) OPERATOR	SPECIAL SERIES
9578 5	COUNTRY, AREA, OR REGIONAL CLASSIFICATION ENLISTED (CARCE)	SPECIAL SERIES
9579 4	CHIEF OF THE BOAT (ALL SUBMARINES)	SPECIAL SERIES
9580 4	COMMAND MASTER CHIEF	SPECIAL SERIES
9581 4	RUBBER AND PLASTICS WORKER	SPECIAL SERIES
9583 4	LOCKSMITH	SPECIAL SERIES
9585 5	NAVY RECRUITER CANVASSER	SPECIAL SERIES

TABLE A-4 (CONTINUED)

NEC SEQUENCE CODE	TITLE	RATINGS
9588 5	COLLATERAL DUTY CAREER INFORMATION COORDINATOR	SPECIAL SERIES
9589 4	COMMAND CAREER INFORMATION RETENTION COUNSELOR/COORDINATOR	SPECIAL SERIES
9591 6	RADIOLOGICAL CONTROL MONITOR	SPECIAL SERIES
9593 4	SUBMARINE REPAIRMA	SPECIAL SERIES
9597 5	RADIAC TECHNICIAN	SPECIAL SERIES
9598 4	DISASTER PREPAREDNESS OPERATIONS AND TRAINING SPECIALISTS	SPECIAL SERIES
9901 2	NUCLEAR PROPULSION PLANT OPERATOR TRAINEE	SPECIAL SERIES

Note: The following NECs had not yet been awarded at the end of fiscal year 1985,  
0166, 0167, 0207, 0219, 0301, 0443, 0444, 0448, 1158, 1173, 1175, 1444, 1451,  
1467, 1741, 1997, 2822, 2823, 2824, 2825, 3305, 3376, 4131, 4133, 4135, 5324,  
5325, 5399, 6427, 6428, 6584, 6587, 6620, 7131, 7137, 7601, 7602, 7603, 7604,  
7606, 7607, 7608, 7609, 7841, 8262, 9110, 9130, 9156, 9157, 9237, 9241, 9246,  
9287, 9288, 9530, 9534, 9567.

Entry Series NECs (Conversion Codes or Defense Grouping NECs are not listed in this table.  
Rating or Special Series NECs which are alphanumeric are also not enumerated. These include the following: NECs 14AA-14HZ (ET (ESM) NECs) Submarine Electronics Technician ESM Technicians, NECs 14PA-14TZ (ET (NAV NECs)) Submarine Electronics Technician Navigation Equipment Maintenance Technicians, NECs 14ZA-14ZZ (ET ESM-Navigation-Ancillary NECs) Submarine Electronics Technicians, NECs 23CA-23DZ (RM (CRYPTO) NECs) Submarine Radioman Crypto Technicians, NECs 23EA-23FZ (RM (DIGITAL) NECs) Submarine Radioman Digital Communications Equipment Technicians, NECs 23MA 23NZ (RM (MAIN-TENANCE) NECs) Submarine Radioman Maintenance Technicians, and NECs 23TA-23TZ (RM (TRIDENT) NECs) Trident Radioman Integrated Radio Room OPS and Maintenance Technicians.

END

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